

T. E. CONKLIN
BRASS & COPPER
CO., INC.

STOCKS
ON HAND
FOR
IMMEDIATE
SHIPMENT

54-60 LAFAYETTE STREET
NEW YORK, N.Y. U.S.A.



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SHEETS

RODS

WIRE

TUBES

SHAPES

ACCESSORIES

DATA

T. E. CONKLIN

BRASS & COPPER

CO., INC.

ESTABLISHED 1860

STOCKS
ON HAND
FOR
IMMEDIATE
SHIPMENT

Stock List No. 12

TELEPHONE

WALKER 5-7500

54-60 Lafayette Street

NEW YORK, N.Y., U.S.A.

T. E. Conklin Brass & Copper Co.

Inc.

ESTABLISHED 1860

1860—1936



54-60 Lafayette Street
New York

Since 1860
CONKLIN
has meant
COPPER
BRASS
BRONZE

ALPHABETICAL INDEX

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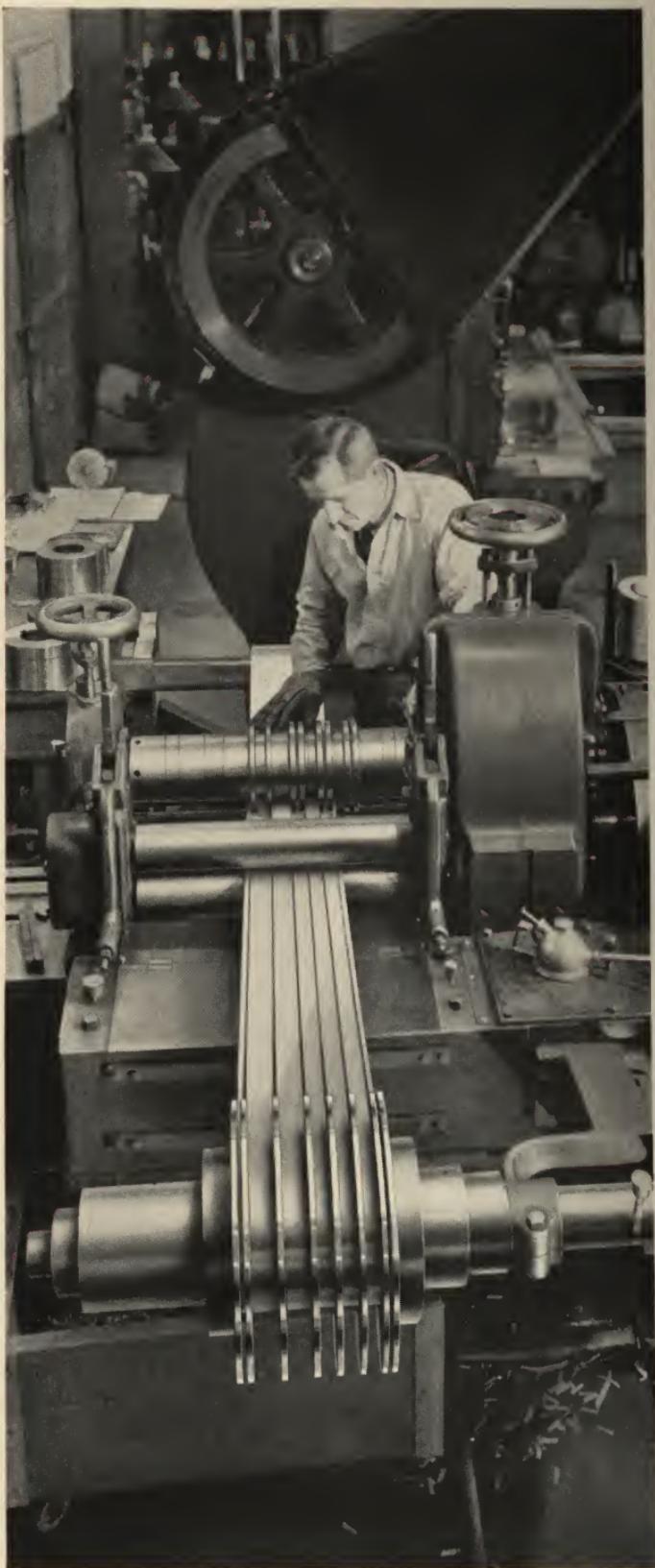
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T. E. Conklin Brass & Copper Co.

Inc.

ESTABLISHED 1860



T. E. Conklin Brass & Copper Co., Inc.
ESTABLISHED 1860

SHEETS

SHEETS

FLAT SHEETS AND ROLLS
VARIOUS WIDTHS AND TEMPERS

RODS

BRASS
COMMERCIAL BRONZE
TRIM BRONZE
RICH LOW BRASS
ENGRAVERS BRASS
MUNTZ METAL
TOBIN BRONZE
COPPER
PHOSPHOR BRONZE
NICKEL SILVER

WIRE TUBES

SHAPES

ACCESSORIES

DATA

Consult us on your special
requirements of Brass and
Copper Products.



IN STOCK — FOR IMMEDIATE SHIPMENT

T. E. Conklin Brass & Copper Co., Inc.

ESTABLISHED 1860

SHEETS

FLAT SHEETS AND ROLLS

VARIOUS WIDTHS AND TEMPERS

BRASS

COMMERCIAL BRONZE

TRIM BRONZE

RICH LOW BRASS

ENGRAVERS BRASS

MUNTZ METAL

TOBIN BRONZE

COPPER

PHOSPHOR BRONZE

NICKEL SILVER

Consult us on your special
requirements of Brass and
Copper Products.



IN STOCK — FOR IMMEDIATE SHIPMENT

HALF HARD BRASS SHEET

Size of Sheet	Thickness, Inches or B. & S. Gauge	Approximate Total Weight of Sheet	
24" x 48"	1/2" (.500")	176	lbs.
24" x 48"	3/8" (.375")	132	lbs.
24" x 48"	1/4" (.250")	88	lbs.
24" x 48"	3/16" (.1875")	66	lbs.
24" x 48"	6 (.1620")	57	lbs.
24" x 48"	7 (.1443")	51	lbs.
24" x 48"	8 (.1285")	45	lbs.
24" x 48"	1/8" (.125")	44	lbs.
24" x 48"	9 (.1144")	40	lbs.
24" x 48"	10 (.1019")	36	lbs.
24" x 48"	9 1/32" (.0937")	33	lbs.
24" x 48"	11 (.0907")	32	lbs.
24" x 48"	12 (.0808")	28 1/2	lbs.
24" x 48"	13 (.0720")	25 1/2	lbs.
24" x 48"	14 (.0641")	22 1/2	lbs.
24" x 48"	1 1/16" (.0625")	22	lbs.
24" x 48"	15 (.0571")	20	lbs.
24" x 48"	16 (.0508")	18	lbs.
24" x 48"	17 (.0453")	16	lbs.
24" x 48"	18 (.0403")	14 1/4	lbs.
24" x 48"	19 (.0359")	12 1/2	lbs.
24" x 48"	20 (.0320")	11 1/4	lbs.
24" x 48"	1 1/32" (.0312")	11	lbs.
24" x 48"	21 (.0285")	10	lbs.
24" x 48"	22 (.0254")	9	lbs.
24" x 48"	23 (.0226")	8	lbs.
24" x 48"	24 (.0201")	7	lbs.
24" x 48"	26 (.0159")	5 1/2	lbs.
24" x 48"	28 (.0126")	4 1/2	lbs.
24" x 96"	8 (.1285")	90	lbs.
24" x 96"	1 1/8" (.1250")	88	lbs.
24" x 96"	10 (.1019")	72	lbs.
24" x 96"	12 (.0808")	57	lbs.
24" x 96"	14 (.0641")	45	lbs.
24" x 96"	1 1/16" (.0625")	44	lbs.

(Continued on page 14)

RODS

WIRE

TUBES

SHAPES

ACCESSORIES

DATA

HALF HARD BRASS SHEET

(Continued from page 13)

Size of Sheet	Thickness, Inches or B. & S. Gauge	Approximate Total Weight of Sheet	
30" x 60"	$\frac{3}{16}$ " (.1875")	103	lbs.
30" x 60"	8 (.1285")	71	lbs.
30" x 60"	$\frac{1}{8}$ " (.1250")	69	lbs.
30" x 60"	$\frac{3}{32}$ " (.0937")	52	lbs.
30" x 60"	11 (.0907")	50	lbs.
30" x 60"	14 (.0641")	35	lbs.
30" x 60"	$\frac{1}{16}$ " (.0625")	34	lbs.
30" x 60"	17 (.0453")	25	lbs.
30" x 60"	20 (.0320")	17½	lbs.
30" x 60"	$\frac{1}{32}$ " (.0312")	17	lbs.
30" x 96"	8 (.1285")	113	lbs.
30" x 96"	$\frac{1}{8}$ " (.1250")	110	lbs.
30" x 96"	10 (.1019")	90	lbs.
30" x 96"	12 (.0808")	71	lbs.
30" x 96"	14 (.0641")	57	lbs.
30" x 96"	$\frac{1}{16}$ " (.0625")	55	lbs.
30" x 96"	20 (.0320")	28	lbs.
30" x 96"	$\frac{1}{32}$ " (.0312")	27½	lbs.
36" x 96"	8 (.1285")	135	lbs.
36" x 96"	$\frac{1}{8}$ " (.1250")	132	lbs.
36" x 96"	10 (.1019")	108	lbs.
36" x 96"	12 (.0808")	85	lbs.
36" x 96"	14 (.0641")	68	lbs.
36" x 96"	$\frac{1}{16}$ " (.0625")	66	lbs.
36" x 96"	20 (.0320")	34	lbs.
36" x 96"	$\frac{1}{32}$ " (.0312")	33½	lbs.

Our direct wires to the mills and our teletype system, enable us to give you prompt service on your Stock and Mill Orders.

HALF HARD BRASS SHEET

Flat Sheets

About 4 to 6 Feet Long

Thickness, Inches	Width	Weight Per Lineal Foot	
.918"	5"	17.30	lbs.
.918"	8"	27.60	lbs.
3/4" (.750")	12"	33.05	lbs.
5/8" (.625")	4"	9.18	lbs.
5/8" (.625")	14"	32.13	lbs.
1/2" (.500")	6"	11.02	lbs.
1/2" (.500")	8"	14.69	lbs.
1/2" (.500")	10"	18.37	lbs.
1/2" (.500")	12"	22.04	lbs.
1/2" (.500")	14"	25.71	lbs.
7/16" (.4375")	12"	19.28	lbs.
3/8" (.375")	6"	8.26	lbs.
3/8" (.375")	8"	11.01	lbs.
3/8" (.375")	10"	13.77	lbs.
3/8" (.375")	12"	16.52	lbs.
3/8" (.375")	14"	19.87	lbs.
3/8" (.375")	16"	22.03	lbs.
3/8" (.375")	18"	24.78	lbs.
5/16" (.3125")	8"	9.18	lbs.
5/16" (.3125")	10"	11.48	lbs.
5/16" (.3125")	12"	13.77	lbs.
1/4" (.250")	5"	4.59	lbs.
1/4" (.250")	6"	5.51	lbs.
1/4" (.250")	7"	6.43	lbs.
1/4" (.250")	8"	7.35	lbs.
1/4" (.250")	9"	8.27	lbs.
1/4" (.250")	10"	9.18	lbs.
1/4" (.250")	12"	11.02	lbs.
1/4" (.250")	14"	12.85	lbs.
1/4" (.250")	16"	14.69	lbs.
1/4" (.250")	18"	16.53	lbs.
3/16" (.1875")	8"	5.51	lbs.
3/16" (.1875")	12"	8.26	lbs.
3/16" (.1875")	14"	9.64	lbs.
5/32" (.15625")	12"	6.89	lbs.

(Continued on page 16)

RODS

WIRE

TUBES

SHAPES

ACCESSORIES

DATA

HALF HARD BRASS SHEET

Flat Sheets

About 6 to 8 Feet Long

(Continued from page 15)

Thickness, Inches or B. & S. Gauge	Width	Weight Per Lineal Foot
8 (.1285")	8"	3.775 lbs.
8 (.1285")	10"	4.719 lbs.
8 (.1285")	12"	5.662 lbs.
8 (.1285")	14"	6.606 lbs.
8 (.1285")	16"	7.550 lbs.
1/8" (.125")	8"	3.672 lbs.
1/8" (.125")	10"	4.590 lbs.
1/8" (.125")	12"	5.508 lbs.
1/8" (.125")	14"	6.426 lbs.
1/8" (.125")	16"	7.344 lbs.
10 (.1019")	8"	2.993 lbs.
10 (.1019")	10"	3.742 lbs.
10 (.1019")	12"	4.490 lbs.
10 (.1019")	14"	5.238 lbs.
10 (.1019")	16"	5.986 lbs.
3/32" (.0937")	10"	3.443 lbs.
3/32" (.0937")	12"	4.131 lbs.
11 (.0907")	10"	3.331 lbs.
11 (.0907")	12"	3.997 lbs.
12 (.0808")	8"	2.374 lbs.
12 (.0808")	10"	2.967 lbs.
12 (.0808")	12"	3.560 lbs.
12 (.0808")	14"	4.154 lbs.
12 (.0808")	16"	4.748 lbs.
14 (.0641")	8"	1.883 lbs.
14 (.0641")	10"	2.354 lbs.
14 (.0641")	12"	2.825 lbs.
14 (.0641")	14"	3.296 lbs.
14 (.0641")	16"	3.776 lbs.
1/16" (.0625")	8"	1.836 lbs.
1/16" (.0625")	10"	2.295 lbs.
1/16" (.0625")	12"	2.754 lbs.
1/16" (.0625")	14"	3.213 lbs.
1/16" (.0625")	16"	3.672 lbs.

(Continued on page 17)

HALF HARD BRASS SHEET

Flat Sheets

About 6 to 8 Feet Long

(Continued from page 16)

RODS

WIRE

TUBES

SHAPES

ACCESORIES

DATA

Thickness, Inches or B. & S. Gauge	Width	Weight Per Lineal Foot
15 (.0571")	8"	1.677 lbs.
16 (.0508")	10"	1.865 lbs.
16 (.0508")	12"	2.238 lbs.
16 (.0508")	14"	2.612 lbs.
16 (.0508")	16"	2.984 lbs.
16 (.0508")	18"	3.358 lbs.
17 (.0453")	8"	1.331 lbs.
18 (.0403")	10"	1.480 lbs.
18 (.0403")	12"	1.776 lbs.
18 (.0403")	14"	2.072 lbs.
18 (.0403")	16"	2.368 lbs.
19 (.0359")	8"	1.055 lbs.
20 (.0320")	10"	1.175 lbs.
20 (.0320")	12"	1.410 lbs.
20 (.0320")	14"	1.645 lbs.
20 (.0320")	16"	1.880 lbs.
1 1/32" (.0312")	10"	1.148 lbs.
1 1/32" (.0312")	12"	1.377 lbs.
1 1/32" (.0312")	14"	1.607 lbs.
1 1/32" (.0312")	16"	1.836 lbs.
22 (.0254")	10"	.933 lbs.
22 (.0254")	12"	1.119 lbs.
24 (.0201")	10"	.738 lbs.
24 (.0201")	12"	.886 lbs.
24 (.0201")	18"	1.328 lbs.
26 (.0159")	10"	.584 lbs.
26 (.0159")	12"	.701 lbs.
28 (.0126")	10"	.463 lbs.
28 (.0126")	12"	.555 lbs.

Our modern Gang Slitting Department and cutting facilities enable us to give you prompt service on your slit material. This will avoid long delays from the mill. Write or phone for special prices on material cut to size.

HALF HARD BRASS

In Rolls

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
18 (.0403")	6"	.888 lbs.
18 (.0403")	8"	1.036 lbs.
19 (.0359")	6"	.791 lbs.
20 (.0320")	4"	.470 lbs.
20 (.0320")	6"	.705 lbs.
20 (.0320")	8"	.940 lbs.
20 (.0320")	12"	1.410 lbs.
21 (.0285")	6"	.628 lbs.
21 (.0285")	10"	1.047 lbs.
21 (.0285")	12"	1.256 lbs.
22 (.0254")	4"	.373 lbs.
22 (.0254")	6"	.560 lbs.
22 (.0254")	8"	.746 lbs.
22 (.0254")	10"	.933 lbs.
22 (.0254")	12"	1.119 lbs.
22 (.0254")	14"	1.306 lbs.
22 (.0254")	16"	1.492 lbs.
23 (.0226")	6"	.498 lbs.
23 (.0226")	8"	.663 lbs.
23 (.0226")	12"	1.119 lbs.
24 (.0201")	4"	.295 lbs.
24 (.0201")	6"	.443 lbs.
24 (.0201")	8"	.591 lbs.
24 (.0201")	10"	.738 lbs.
24 (.0201")	12"	.886 lbs.
24 (.0201")	14"	1.033 lbs.
25 (.0179")	6"	.394 lbs.
25 (.0179")	12"	.789 lbs.
26 (.0159")	4"	.234 lbs.
26 (.0159")	6"	.350 lbs.
26 (.0159")	8"	.467 lbs.
26 (.0159")	10"	.584 lbs.
26 (.0159")	12"	.701 lbs.
26 (.0159")	14"	.817 lbs.
27 (.0142")	12"	.626 lbs.

(Continued on page 19)

HALF HARD BRASS
In Rolls

(Continued from page 18)

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
28 (.0126")	4"	.185 lbs.
28 (.0126")	6"	.278 lbs.
28 (.0126")	8"	.370 lbs.
28 (.0126")	10"	.463 lbs.
28 (.0126")	12"	.555 lbs.
28 (.0126")	14"	.648 lbs.
30 (.0100")	6"	.220 lbs.
30 (.0100")	12"	.441 lbs.
32 (.0080")	12"	.351 lbs.
34 (.0063")	12"	.278 lbs.

QUARTER HARD BRASS
In Rolls

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
22 (.0254")	6 $\frac{3}{8}$ "	.60 lbs.
24 (.0201")	6 $\frac{3}{8}$ "	.48 lbs.

Our modern Gang Slitting Department and cutting facilities enable us to give you prompt service on your slit material. This will avoid long delays from the mill. Write or phone for special prices on material cut to size.

RODS

WIRE

TUBES

SHAPES

ACCESSORIES

DATA

HALF HARD SLIT BRASS IN COILS

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
14 (.064")	3/8"	.088 lbs.
14 (.064")	1/2"	.118 lbs.
14 (.064")	5/8"	.147 lbs.
14 (.064")	3/4"	.177 lbs.
14 (.064")	1"	.235 lbs.
16 (.050")	3/8"	.070 lbs.
16 (.050")	1/2"	.093 lbs.
16 (.050")	5/8"	.117 lbs.
16 (.050")	3/4"	.140 lbs.
16 (.050")	1"	.187 lbs.
16 (.050")	1 1/4"	.233 lbs.
16 (.050")	1 1/2"	.280 lbs.
16 (.050")	2"	.373 lbs.
18 (.040")	3/8"	.055 lbs.
18 (.040")	1/2"	.074 lbs.
18 (.040")	5/8"	.092 lbs.
18 (.040")	3/4"	.110 lbs.
18 (.040")	1"	.148 lbs.
18 (.040")	1 1/4"	.185 lbs.
18 (.040")	1 1/2"	.222 lbs.
18 (.040")	2"	.296 lbs.
20 (.032")	1/4"	.029 lbs.
20 (.032")	3/8"	.044 lbs.
20 (.032")	1/2"	.059 lbs.
20 (.032")	5/8"	.073 lbs.
20 (.032")	3/4"	.088 lbs.
20 (.032")	1"	.118 lbs.
20 (.032")	1 1/4"	.147 lbs.
20 (.032")	1 1/2"	.177 lbs.
20 (.032")	2"	.235 lbs.
22 (.025")	3/8"	.035 lbs.
22 (.025")	1/2"	.047 lbs.
22 (.025")	5/8"	.058 lbs.
22 (.025")	3/4"	.070 lbs.
22 (.025")	1"	.093 lbs.
24 (.020")	3/8"	.028 lbs.
24 (.020")	1/2"	.037 lbs.
24 (.020")	5/8"	.046 lbs.
24 (.020")	3/4"	.055 lbs.
24 (.020")	1"	.074 lbs.
26 (.016")	1/2"	.029 lbs.
26 (.016")	3/4"	.044 lbs.
26 (.016")	1"	.058 lbs.

HALF HARD BRASS STRIPS

Slit or Sheared Edges
Lengths about 6 to 10 Feet

Dimensions	Weight Per Lineal Foot
$\frac{1}{16}'' \times \frac{1}{4}''$	.058 lbs
$\frac{1}{16}'' \times \frac{5}{16}''$	.072 lbs.
$\frac{1}{16}'' \times \frac{3}{8}''$	.086 lbs.
$\frac{1}{16}'' \times \frac{1}{2}''$	.115 lbs.
$\frac{1}{16}'' \times \frac{5}{8}''$	.144 lbs.
$\frac{1}{16}'' \times \frac{3}{4}''$	.173 lbs.
$\frac{1}{16}'' \times \frac{7}{8}''$	.202 lbs.
$\frac{1}{16}'' \times 1''$	.231 lbs.
$\frac{1}{16}'' \times 1\frac{1}{4}''$	.288 lbs.
$\frac{1}{16}'' \times 1\frac{1}{2}''$	.346 lbs.
$\frac{1}{16}'' \times 1\frac{3}{4}''$	.403 lbs.
$\frac{1}{16}'' \times 2''$	.461 lbs.
$\frac{1}{16}'' \times 2\frac{1}{2}''$	.576 lbs.
$\frac{1}{16}'' \times 3''$	.692 lbs.
$\frac{1}{16}'' \times 4''$	.922 lbs.
$\frac{3}{32}'' \times \frac{1}{4}''$	.086 lbs.
$\frac{3}{32}'' \times \frac{3}{8}''$	.130 lbs.
$\frac{3}{32}'' \times \frac{1}{2}''$	.173 lbs.
$\frac{3}{32}'' \times \frac{5}{8}''$	.216 lbs.
$\frac{3}{32}'' \times \frac{3}{4}''$	.259 lbs.
$\frac{3}{32}'' \times \frac{7}{8}''$	.303 lbs.
$\frac{3}{32}'' \times 1''$	.346 lbs.
$\frac{3}{32}'' \times 1\frac{1}{4}''$	.432 lbs.
$\frac{3}{32}'' \times 1\frac{1}{2}''$	.519 lbs.
$\frac{3}{32}'' \times 1\frac{3}{4}''$	.605 lbs.
$\frac{3}{32}'' \times 2''$	.692 lbs.
$\frac{3}{32}'' \times 2\frac{1}{2}''$	.864 lbs.
$\frac{3}{32}'' \times 3''$	1.037 lbs.
$\frac{3}{32}'' \times 4''$	1.383 lbs.
$\frac{1}{8}'' \times 2\frac{1}{2}''$	1.153 lbs.
$\frac{1}{8}'' \times 3''$	1.383 lbs.
$\frac{1}{8}'' \times 4''$	1.844 lbs.
$\frac{3}{16}'' \times 2\frac{1}{2}''$	1.728 lbs.
$\frac{3}{16}'' \times 3''$	2.074 lbs.
$\frac{3}{16}'' \times 4''$	2.766 lbs.

(Continued on page 22)

DRAWN RECTANGULAR BRASS ROD
See Pages 60 and 61

RODS

WIRE

TUBES

SHAPES

ACCESSORIES

DATA

T. E. Conklin Brass & Copper Co.
Inc.

ESTABLISHED 1860

HALF HARD BRASS STRIPS

Sawed Edges
Lengths About 4 to 8 Feet
(Continued from page 21)

Dimensions	Weight Per Lineal Foot
$\frac{1}{4}'' \times 3\frac{1}{2}''$	3.22 lbs.
$\frac{1}{4}'' \times 4''$	3.68 lbs.
$\frac{1}{4}'' \times 5''$	4.59 lbs.
$\frac{1}{4}'' \times 6''$	5.51 lbs.
$\frac{3}{8}'' \times 4''$	5.53 lbs.
$\frac{3}{8}'' \times 6''$	8.26 lbs.
$\frac{1}{2}'' \times 4''$	7.38 lbs.
$\frac{1}{2}'' \times 6''$	11.02 lbs.
$\frac{5}{8}'' \times 4''$	9.18 lbs.
$.918'' \times 5''$	17.30 lbs.

DRAWN RECTANGULAR BRASS ROD
See Pages 60 and 61

Our modern Gang Slitting Department and cutting facilities enable us to give you prompt service on your slit material. This will avoid long delays from the mill. Write or phone for special prices on material cut to size.

ENGRAVERS' BRASS

Flat Sheets

About 4 to 6 Feet Long

Thickness, Inches	Width	Weight Per Lineal Foot
.918"	5"	17.30 lbs.
.918"	8"	27.60 lbs.
3/4" (.750")	12"	33.05 lbs.
5/8" (.625")	4"	9.18 lbs.
5/8" (.625")	14"	32.13 lbs.
1/2" (.500")	6"	11.02 lbs.
1/2" (.500")	8"	14.69 lbs.
1/2" (.500")	10"	18.37 lbs.
1/2" (.500")	12"	22.04 lbs.
1/2" (.500")	14"	25.71 lbs.
7/16" (.4375")	12"	19.28 lbs.
3/8" (.375")	6"	8.26 lbs.
3/8" (.375")	8"	11.01 lbs.
3/8" (.375")	10"	13.77 lbs.
3/8" (.375")	12"	16.52 lbs.
3/8" (.375")	14"	19.87 lbs.
3/8" (.375")	16"	22.03 lbs.
3/8" (.375")	18"	24.78 lbs.
5/16" (.3125")	8"	9.18 lbs.
5/16" (.3125")	10"	11.48 lbs.
5/16" (.3125")	12"	13.77 lbs.
1/4" (.250")	5"	4.59 lbs.
1/4" (.250")	6"	5.51 lbs.
1/4" (.250")	7"	6.43 lbs.
1/4" (.250")	8"	7.35 lbs.
1/4" (.250")	9"	8.27 lbs.
1/4" (.250")	10"	9.18 lbs.
1/4" (.250")	12"	11.02 lbs.
1/4" (.250")	14"	12.85 lbs.
1/4" (.250")	16"	14.69 lbs.
1/4" (.250")	18"	16.53 lbs.
3/16" (.1875")	8"	5.51 lbs.
3/16" (.1875")	12"	8.26 lbs.
3/16" (.1875")	14"	9.64 lbs.
5/32" (.15625")	12"	6.89 lbs.

RODS

WIRE

TUBES

SHAPES

ACCESSORIES

DATA

SPRING BRASS IN SHEETS

Flat Sheets

About 6 Feet Long

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
14 (.064")	6"	1.410 lbs.
15 (.057")	6"	1.260 lbs.
16 (.050")	6"	1.120 lbs.
17 (.045")	6"	.998 lbs.
18 (.040")	6"	.888 lbs.

SPRING BRASS IN ROLLS

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
19 (.035")	6"	.791 lbs.
20 (.032")	6"	.705 lbs.
21 (.028")	6"	.628 lbs.
22 (.025")	6"	.560 lbs.
23 (.023")	6"	.498 lbs.
24 (.020")	6"	.443 lbs.
25 (.018")	6"	.394 lbs.
26 (.016")	6"	.350 lbs.
27 (.014")	6"	.313 lbs.
28 (.013")	6"	.278 lbs.
29 (.011")	6"	.249 lbs.
30 (.010")	6"	.220 lbs.
32 (.008")	6"	.175 lbs.
34 (.006")	6"	.131 lbs.
36 (.005")	6"	.110 lbs.

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SOFT ROLL BRASS

In Rolls

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
14 (.0641")	6"	1.412 lbs.
14 (.0641")	7"	1.648 lbs.
14 (.0641")	8"	1.883 lbs.
14 (.0641")	10"	2.354 lbs.
14 (.0641")	12"	2.825 lbs.
14 (.0641")	14"	3.296 lbs.
14 (.0641")	16"	3.766 lbs.
14 (.0641")	18"	4.236 lbs.
15 (.0571")	6"	1.258 lbs.
15 (.0571")	7"	1.468 lbs.
15 (.0571")	8"	1.677 lbs.
15 (.0571")	10"	2.097 lbs.
15 (.0571")	12"	2.516 lbs.
15 (.0571")	14"	2.936 lbs.
16 (.0508")	6"	1.119 lbs.
16 (.0508")	7"	1.306 lbs.
16 (.0508")	8"	1.492 lbs.
16 (.0508")	9"	1.679 lbs.
16 (.0508")	10"	1.865 lbs.
16 (.0508")	12"	2.238 lbs.
16 (.0508")	14"	2.612 lbs.
16 (.0508")	16"	2.984 lbs.
16 (.0508")	18"	3.358 lbs.
16 (.0508")	20"	3.730 lbs.
16 (.0508")	24"	4.476 lbs.
17 (.0453")	6"	.998 lbs.
17 (.0453")	7"	1.164 lbs.
17 (.0453")	8"	1.331 lbs.
17 (.0453")	10"	1.663 lbs.
17 (.0453")	12"	1.996 lbs.
17 (.0453")	14"	2.338 lbs.
18 (.0403")	6"	.888 lbs.
18 (.0403")	7"	1.036 lbs.
18 (.0403")	8"	1.184 lbs.
18 (.0403")	9"	1.332 lbs.
18 (.0403")	10"	1.480 lbs.

(Continued on page 26)

RODS

WIRE

TUBES

SHAPES

ACCESORIES

DATA

SOFT ROLL BRASS

In Rolls

(Continued from page 25)

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
18 (.0403")	12"	1.776 lbs.
18 (.0403")	13"	1.924 lbs.
18 (.0403")	13½"	1.961 lbs.
18 (.0403")	14"	2.072 lbs.
18 (.0403")	14½"	2.146 lbs.
18 (.0403")	15"	2.220 lbs.
18 (.0403")	16"	2.368 lbs.
18 (.0403")	18"	2.664 lbs.
18 (.0403")	20"	2.960 lbs.
18 (.0403")	22"	3.256 lbs.
18 (.0403")	24"	3.552 lbs.
19 (.0359")	6"	.791 lbs.
19 (.0359")	7"	.923 lbs.
19 (.0359")	8"	1.055 lbs.
19 (.0359")	9"	1.186 lbs.
19 (.0359")	10"	1.318 lbs.
19 (.0359")	12"	1.582 lbs.
19 (.0359")	14"	1.846 lbs.
19 (.0359")	16"	2.110 lbs.
20 (.0320")	4"	.470 lbs.
20 (.0320")	6"	.705 lbs.
20 (.0320")	6½"	.764 lbs.
20 (.0320")	7"	.823 lbs.
20 (.0320")	8"	.940 lbs.
20 (.0320")	9"	1.058 lbs.
20 (.0320")	10"	1.175 lbs.
20 (.0320")	12"	1.410 lbs.
20 (.0320")	13"	1.528 lbs.
20 (.0320")	14"	1.645 lbs.
20 (.0320")	16"	1.880 lbs.
20 (.0320")	18"	2.116 lbs.
20 (.0320")	20"	2.350 lbs.
20 (.0320")	22"	2.585 lbs.
20 (.0320")	24"	2.820 lbs.
21 (.0285")	6"	.628 lbs.
21 (.0285")	7"	.733 lbs.

(Continued on page 27)

SOFT ROLL BRASS
In Rolls

(Continued from page 26)

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
21 (.0285")	8"	.837 lbs.
21 (.0285")	9"	.942 lbs.
21 (.0285")	10"	1.047 lbs.
21 (.0285")	12"	1.256 lbs.
21 (.0285")	14"	1.465 lbs.
22 (.0254")	4"	.373 lbs.
22 (.0254")	5"	.466 lbs.
22 (.0254")	5½"	.513 lbs.
22 (.0254")	6"	.560 lbs.
22 (.0254")	6½"	.607 lbs.
22 (.0254")	7"	.653 lbs.
22 (.0254")	7½"	.670 lbs.
22 (.0254")	8"	.746 lbs.
22 (.0254")	8½"	.793 lbs.
22 (.0254")	9"	.840 lbs.
22 (.0254")	10"	.933 lbs.
22 (.0254")	11"	1.026 lbs.
22 (.0254")	12"	1.119 lbs.
22 (.0254")	13"	1.213 lbs.
22 (.0254")	14"	1.306 lbs.
22 (.0254")	16"	1.492 lbs.
22 (.0254")	18"	1.679 lbs.
22 (.0254")	20"	1.865 lbs.
22 (.0254")	22"	2.052 lbs.
22 (.0254")	24"	2.238 lbs.
23 (.0226")	6"	.498 lbs.
23 (.0226")	7"	.581 lbs.
23 (.0226")	8"	.664 lbs.
23 (.0226")	9"	.747 lbs.
23 (.0226")	10"	.830 lbs.
23 (.0226")	12"	.996 lbs.
23 (.0226")	14"	1.162 lbs.
23 (.0226")	16"	1.328 lbs.
24 (.0201")	4"	.295 lbs.
24 (.0201")	5"	.369 lbs.
24 (.0201")	5½"	.406 lbs.
24 (.0201")	6"	.443 lbs.

(Continued on page 28)

RODS

WIRE

TUBES

SHAPES

ACCESSORIES

DATA

SOFT ROLL BRASS
In Rolls

(Continued from page 27)

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
24 (.0201")	6½"	.480 lbs.
24 (.0201")	7"	.517 lbs.
24 (.0201")	7½"	.554 lbs.
24 (.0201")	8"	.591 lbs.
24 (.0201")	8½"	.627 lbs.
24 (.0201")	9"	.664 lbs.
24 (.0201")	10"	.738 lbs.
24 (.0201")	11"	.812 lbs.
24 (.0201")	12"	.886 lbs.
24 (.0201")	13"	.960 lbs.
24 (.0201")	14"	1.033 lbs.
24 (.0201")	16"	1.181 lbs.
24 (.0201")	18"	1.329 lbs.
24 (.0201")	20"	1.476 lbs.
24 (.0201")	24"	1.771 lbs.
25 (.0179")	6"	.394 lbs.
25 (.0179")	7"	.460 lbs.
25 (.0179")	8"	.526 lbs.
25 (.0179")	9"	.592 lbs.
25 (.0179")	10"	.657 lbs.
25 (.0179")	12"	.789 lbs.
25 (.0179")	14"	.920 lbs.
25 (.0179")	14½"	.953 lbs.
25 (.0179")	16"	1.052 lbs.
25 (.0179")	24"	1.577 lbs.
26 (.0159")	4"	.234 lbs.
26 (.0159")	6"	.350 lbs.
26 (.0159")	7"	.409 lbs.
26 (.0159")	8"	.467 lbs.
26 (.0159")	9"	.526 lbs.
26 (.0159")	10"	.584 lbs.
26 (.0159")	12"	.701 lbs.
26 (.0159")	14"	.817 lbs.
26 (.0159")	16"	.934 lbs.
26 (.0159")	18"	1.051 lbs.
26 (.0159")	20"	1.168 lbs.

(Continued on page 29)

SOFT ROLL BRASS

In Rolls

(Continued from page 28)

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
27 (.0142")	6"	.313 lbs.
27 (.0142")	7"	.365 lbs.
27 (.0142")	8"	.417 lbs.
27 (.0142")	9"	.470 lbs.
27 (.0142")	10"	.521 lbs.
27 (.0142")	12"	.626 lbs.
27 (.0142")	14"	.730 lbs.
28 (.0126")	4"	.185 lbs.
28 (.0126")	6"	.278 lbs.
28 (.0126")	7"	.324 lbs.
28 (.0126")	8"	.370 lbs.
28 (.0126")	9"	.416 lbs.
28 (.0126")	10"	.463 lbs.
28 (.0126")	12"	.555 lbs.
28 (.0126")	14"	.648 lbs.
28 (.0126")	16"	.740 lbs.
28 (.0126")	18"	.823 lbs.
28 (.0126")	20"	1.018 lbs.
29 (.0113")	6"	.249 lbs.
29 (.0113")	7"	.291 lbs.
29 (.0113")	8"	.332 lbs.
29 (.0113")	10"	.415 lbs.
29 (.0113")	12"	.498 lbs.
29 (.0113")	14"	.581 lbs.
29 (.0113")	16"	.664 lbs.
29 (.0113")	18"	.747 lbs.
30 (.0100")	6"	.220 lbs.
30 (.0100")	7"	.257 lbs.
30 (.0100")	8"	.294 lbs.
30 (.0100")	10"	.367 lbs.
30 (.0100")	12"	.441 lbs.
30 (.0100")	14"	.514 lbs.
30 (.0100")	16"	.586 lbs.
31 (.0089")	6"	.181 lbs.
31 (.0089")	7"	.230 lbs.
31 (.0089")	8"	.263 lbs.

(Continued on page 30)

RODS

WIRE

TUBES

SHAPES

ACCESSORIES

DATA

T. E. Conklin Brass & Copper Co.

Inc.

ESTABLISHED 1860

SOFT ROLL BRASS
In Rolls

(Continued from page 29)

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
31 (.0089")	10"	.329 lbs.
31 (.0089")	12"	.392 lbs.
31 (.0089")	14"	.460 lbs.
32 (.0080")	6"	.175 lbs.
32 (.0080")	7"	.204 lbs.
32 (.0080")	8"	.234 lbs.
32 (.0080")	10"	.292 lbs.
32 (.0080")	12"	.350 lbs.
32 (.0080")	14"	.409 lbs.
33 (.0071")	6"	.157 lbs.
33 (.0071")	7"	.183 lbs.
33 (.0071")	8"	.209 lbs.
33 (.0071")	10"	.261 lbs.
33 (.0071")	12"	.313 lbs.
33 (.0071")	14"	.365 lbs.
34 (.0063")	6"	.139 lbs.
34 (.0063")	8"	.185 lbs.
34 (.0063")	10"	.231 lbs.
34 (.0063")	12"	.278 lbs.
34 (.0063")	14"	.324 lbs.
35 (.0056")	6"	.125 lbs.
35 (.0056")	8"	.166 lbs.
35 (.0056")	10"	.208 lbs.
35 (.0056")	12"	.249 lbs.
36 (.0050")	6"	.110 lbs.
36 (.0050")	7"	.129 lbs.
36 (.0050")	8"	.147 lbs.
36 (.0050")	10"	.184 lbs.
36 (.0050")	12"	.220 lbs.
38 (.0040")	6"	.088 lbs.
40 (.0030")	6"	.066 lbs.
42 (.0025")	6"	.055 lbs.
44 (.0020")	6"	.044 lbs.
46 (.0015")	6"	.033 lbs.
50 (.0010")	6"	.022 lbs.

SOFT BRASS SHEET

Flat Sheets

About 6 Feet Long

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
8 (.1285")	6"	2.83 lbs.
9 (.1144")	6"	2.52 lbs.
10 (.1019")	6"	2.25 lbs.
11 (.0907")	6"	2.00 lbs.
12 (.0808")	6"	1.78 lbs.

Flat Sheets

About 8 Feet Long

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
14 (.0641")	8"	1.88 lbs.
16 (.0508")	8"	1.49 lbs.
18 (.0403")	8"	1.18 lbs.
20 (.0320")	8"	.94 lbs.

SOFT SPINNING BLANKS (SQUARE)

Thickness B. & S. Gauge	Dimension of Sheet	Weight Per Sheet
16 (.0508")	26" x 26"	10½ lbs.
16 (.0508")	28" x 28"	12½ lbs.
16 (.0508")	30" x 30"	14 lbs.
18 (.0403")	26" x 26"	8¾ lbs.
18 (.0403")	28" x 28"	9½ lbs.
18 (.0403")	30" x 30"	11 lbs.

Our modern Gang Slitting Department and cutting facilities enable us to give you prompt service on your slit material. This will avoid long delays from the mill. Write or phone for special prices on material cut to size.

RODS

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SOFT STAIR CUSHION BRASS In Coils

Width	Thickness B. & S. Gauge	Design	Weight Per Lineal Foot
$\frac{7}{8}''$	21	Plain	.092 lbs.
$\frac{7}{8}''$	20	Hammered	.103 lbs.

SHIM OR PLATERS' BRASS Soft—in Rolls

Thickness	Width	Weight Per Lineal Foot
.0010"	6"	.022 lbs.
.0015"	6"	.033 lbs.
.0020"	6"	.044 lbs.
.0025"	6"	.055 lbs.
.0031"	6"	.066 lbs.
.0040"	6"	.088 lbs.
.0050"	6"	.110 lbs.

Our 60 years experience with the engraving trade has brought us into intimate contact with their needs, and we carry for immediate New York stock delivery the highest quality of engravers' brass; a leaded, free-cutting, patent-levelled stock, particularly adapted for engraving, routing, etching, and all sign work.

SOFT RICH LOW BRASS IN ROLLS

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
15 (.0571")	10"	2.15 lbs.
16 (.0508")	12"	2.30 lbs.
18 (.0403")	6"	.91 lbs.
18 (.0403")	10"	1.62 lbs.
18 (.0403")	12"	1.82 lbs.
18 (.0403")	14"	2.12 lbs.
19 (.0359")	6"	.82 lbs.
19 (.0359")	12"	1.62 lbs.
19 (.0359")	14"	1.89 lbs.
20 (.0320")	6"	.72 lbs.
20 (.0320")	10"	1.20 lbs.
20 (.0320")	12"	1.45 lbs.
20 (.0320")	14"	1.69 lbs.
21 (.0285")	12"	1.29 lbs.
21 (.0285")	14"	1.51 lbs.
22 (.0254")	6"	.57 lbs.
22 (.0254")	8"	.77 lbs.
22 (.0254")	10"	.96 lbs.
22 (.0254")	12"	1.15 lbs.
22 (.0254")	14"	1.34 lbs.
23 (.0226")	6"	.51 lbs.
23 (.0226")	8"	.68 lbs.
23 (.0226")	12"	1.02 lbs.
23 (.0226")	14"	1.19 lbs.
24 (.0201")	6"	.49 lbs.
24 (.0201")	8"	.61 lbs.
24 (.0201")	10"	.76 lbs.
24 (.0201")	12"	.91 lbs.
24 (.0201")	14"	1.06 lbs.
25 (.0179")	6"	.41 lbs.
25 (.0179")	12"	.81 lbs.
25 (.0179")	14"	.97 lbs.
26 (.0159")	6"	.36 lbs.
26 (.0159")	10"	.60 lbs.
26 (.0159")	12"	.71 lbs.
26 (.0159")	14"	.84 lbs.

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SOFT RICH LOW BRASS IN ROLLS

(Continued from page 33)

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
27 (.0142")	10"	.54 lbs.
27 (.0142")	12"	.64 lbs.
27 (.0142")	14"	.75 lbs.
28 (.0126")	8"	.38 lbs.
28 (.0126")	10"	.51 lbs.
28 (.0126")	12"	.57 lbs.
28 (.0126")	14"	.67 lbs.
29 (.0113")	10"	.43 lbs.
29 (.0113")	12"	.51 lbs.
30 (.0100")	6"	.23 lbs.
30 (.0100")	8"	.30 lbs.
31 (.0089")	10"	.34 lbs.
32 (.0080")	6"	.18 lbs.
32 (.0080")	12"	.36 lbs.
34 (.0063")	6"	.14 lbs.
36 (.0050")	6"	.11 lbs.

Our modern Gang Slitting Department and cutting facilities enable us to give you prompt service on your slit material. This will avoid long delays from the mill. Write or phone for special prices on material cut to size.

COLD ROLLED MUNTZ METAL SHEET

Size of Sheet	Thickness, Inches or B. & S. Gauge	Approximate Total Weight of Sheet	
24" x 48"	1/2" (.500")	176	lbs.
24" x 48"	3/8" (.375")	132	lbs.
24" x 48"	1/4" (.250")	88	lbs.
24" x 48"	3/16" (.1875")	66	lbs.
24" x 48"	6 (.1620")	57	lbs.
24" x 48"	7 (.1443")	51	lbs.
24" x 48"	8 (.1285")	45	lbs.
24" x 48"	1/8" (.125")	44	lbs.
24" x 48"	9 (.1144")	40	lbs.
24" x 48"	10 (.1019")	36	lbs.
24" x 48"	3/32" (.0937")	33	lbs.
24" x 48"	11 (.0907")	32	lbs.
24" x 48"	12 (.0808")	28 1/2	lbs.
24" x 48"	13 (.0720")	25 1/2	lbs.
24" x 48"	14 (.0641")	22 1/2	lbs.
24" x 48"	1/16" (.0625")	22	lbs.
24" x 48"	15 (.0571")	20	lbs.
24" x 48"	16 (.0508")	18	lbs.
24" x 48"	17 (.0453")	16	lbs.
24" x 48"	18 (.0403")	14 1/4	lbs.
24" x 48"	19 (.0359")	12 1/2	lbs.
24" x 48"	20 (.0320")	11 1/4	lbs.
24" x 48"	1 1/32" (.0312")	11	lbs.
24" x 48"	21 (.0285")	10	lbs.
24" x 48"	22 (.0254")	9	lbs.
24" x 48"	23 (.0226")	8	lbs.
24" x 48"	24 (.0201")	7	lbs.
24" x 48"	26 (.0159")	5 1/2	lbs.
24" x 48"	28 (.0126")	4 1/2	lbs.
24" x 96"	8 (.1285")	90	lbs.
24" x 96"	1/8" (.1250")	88	lbs.
24" x 96"	10 (.1019")	72	lbs.
24" x 96"	12 (.0808")	57	lbs.
24" x 96"	14 (.0641")	45	lbs.
24" x 96"	1/16" (.0625")	44	lbs.

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COLD ROLLED MUNTZ METAL SHEET

(Continued from page 35)

Size of Sheet	Thickness, Inches or B. & S. Gauge	Approximate Total Weight of Sheet	
30" x 60"	$\frac{3}{16}$ " (.1875")	103	lbs.
30" x 60"	8 (.1285")	71	lbs.
30" x 60"	$\frac{1}{8}$ " (.1250")	69	lbs.
30" x 60"	$\frac{3}{32}$ " (.0937")	52	lbs.
30" x 60"	11 (.0907")	50	lbs.
30" x 60"	14 (.0641")	35	lbs.
30" x 60"	$\frac{1}{16}$ " (.0625")	34	lbs.
30" x 60"	17 (.0453")	25	lbs.
30" x 60"	20 (.0320")	17½	lbs.
30" x 60"	$\frac{1}{32}$ " (.0312")	17	lbs.
30" x 96"	8 (.1285")	113	lbs.
30" x 96"	$\frac{1}{8}$ " (.1250")	110	lbs.
30" x 96"	10 (.1019")	90	lbs.
30" x 96"	12 (.0808")	71	lbs.
30" x 96"	14 (.0641")	57	lbs.
30" x 96"	$\frac{1}{16}$ " (.0625")	55	lbs.
30" x 96"	20 (.0320")	28	lbs.
30" x 96"	$\frac{1}{32}$ " (.0312")	27½	lbs.
36" x 96"	8 (.1285")	135	lbs.
36" x 96"	$\frac{1}{8}$ " (.1250")	132	lbs.
36" x 96"	10 (.1019")	108	lbs.
36" x 96"	12 (.0808")	85	lbs.
36" x 96"	14 (.0641")	68	lbs.
36" x 96"	$\frac{1}{16}$ " (.0625")	66	lbs.
36" x 96"	20 (.0320")	34	lbs.
36" x 96"	$\frac{1}{32}$ " (.0312")	33½	lbs.

Our direct wires to the
 mills and our teletype sys-
 tem, enable us to give you
 prompt service on your
 Stock and Mill Orders.

HOT ROLLED MUNTZ METAL SHEET

Size of Sheet	Thickness, Inches or B. & S. Gauge	Approximate Total Weight Per Sheet
24" x 96"	8 (.1285")	90 lbs.
24" x 96"	12 (.0808")	57 lbs.
24" x 96"	14 (.0641")	45 lbs.

COLD ROLLED TOBIN BRONZE SHEETS

Size of Sheet	Thickness, Inches	Approximate Weight Per Sheet
30" x 72"	1/16" (.0625")	41 lbs.
30" x 72"	1/8" (.125")	82 lbs.
30" x 72"	3/16" (.1875")	123 lbs.
30" x 72"	1/4" (.250")	164 lbs.

Our modern Gang Slitting Department and cutting facilities enable us to give you prompt service on your slit material. This will avoid long delays from the mill. Write or phone for special prices on material cut to size.

RODS

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**COMMERCIAL BRONZE SHEET
HALF HARD**
Flat Sheets**About 7 to 8 Feet Long**

Thickness, Inches or B. & S. Gauge	Width	Weight Per Lineal Foot
1/4" (.2500")	12"	11.46 lbs.
1/4" (.2500")	24"	22.92 lbs.
3/16" (.1875")	8"	5.73 lbs.
3/16" (.1875")	12"	8.60 lbs.
3/16" (.1875")	24"	17.20 lbs.
8 (.1285")	6"	2.94 lbs.
8 (.1285")	8"	3.92 lbs.
8 (.1285")	10"	4.90 lbs.
8 (.1285")	12"	5.88 lbs.
8 (.1285")	14"	6.86 lbs.
8 (.1285")	18"	8.82 lbs.
8 (.1285")	20"	9.80 lbs.
8 (.1285")	24"	11.76 lbs.
8 (.1285")	30"	14.70 lbs.
10 (.1019")	6"	2.88 lbs.
10 (.1019")	24"	9.52 lbs.
11 (.0907")	8"	2.75 lbs.
11 (.0907")	10"	3.44 lbs.
11 (.0907")	12"	4.12 lbs.
11 (.0907")	14"	4.80 lbs.
11 (.0907")	18"	6.18 lbs.
11 (.0907")	20"	6.88 lbs.
11 (.0907")	24"	8.24 lbs.
11 (.0907")	30"	10.30 lbs.
12 (.0808")	6"	1.85 lbs.
12 (.0808")	10"	3.08 lbs.
12 (.0808")	14"	4.32 lbs.
12 (.0808")	24"	7.40 lbs.
14 (.0641")	6"	1.48 lbs.
14 (.0641")	8"	1.96 lbs.
14 (.0641")	10"	2.45 lbs.
14 (.0641")	12"	2.94 lbs.
14 (.0641")	14"	3.43 lbs.
14 (.0641")	18"	4.41 lbs.
14 (.0641")	20"	4.90 lbs.
14 (.0641")	24"	5.88 lbs.
14 (.0641")	30"	7.35 lbs.

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COMMERCIAL BRONZE SHEET
HALF HARD

Flat Sheets

About 7 to 8 Feet Long

(Continued from page 38)

Thickness, Inches or B. & S. Gauge	Width	Weight Per Lineal Foot
16 (.0508")	6"	1.17 lbs.
16 (.0508")	8"	1.55 lbs.
16 (.0508")	10"	1.96 lbs.
16 (.0508")	12"	2.34 lbs.
16 (.0508")	14"	2.72 lbs.
16 (.0508")	20"	3.92 lbs.
16 (.0508")	24"	4.66 lbs.
17 (.0453")	30"	5.20 lbs.
18 (.0403")	8"	1.23 lbs.
18 (.0403")	10"	1.54 lbs.
20 (.0320")	30"	3.65 lbs.

RODS

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Although our regular stock of Commercial Sheet Bronze is adapted for gilding purposes, we advise the use of rich gilding metal where particularly translucent or rich enamel colors are desired. We can obtain this metal on short notice from our mill.

SOFT COMMERCIAL BRONZE
In Rolls

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot	
14 (.0641")	6"	1.48	lbs.
16 (.0508")	6"	1.17	lbs.
16 (.0508")	12"	2.34	lbs.
16 (.0508")	14"	2.72	lbs.
16 (.0508")	16"	3.14	lbs.
18 (.0403")	6"	.92	lbs.
18 (.0403")	10"	1.53	lbs.
18 (.0403")	12"	1.84	lbs.
18 (.0403")	14"	2.17	lbs.
19 (.0359")	18"	2.47	lbs.
20 (.0320")	6"	.74	lbs.
20 (.0320")	10"	1.22	lbs.
20 (.0320")	12"	1.47	lbs.
20 (.0320")	14"	1.71	lbs.
22 (.0254")	6"	.58	lbs.
22 (.0254")	10"	.97	lbs.
22 (.0254")	12"	1.16	lbs.
22 (.0254")	14"	1.36	lbs.
23 (.0226")	12"	1.04	lbs.
24 (.0201")	6"	.46	lbs.
24 (.0201")	10"	.77	lbs.
24 (.0201")	12"	.92	lbs.
24 (.0201")	14"	1.08	lbs.
25 (.0179")	14"	.96	lbs.
26 (.0159")	14"	.85	lbs.
28 (.0126")	14"	.68	lbs.
30 (.0100")	6"	.23	lbs.
32 (.0080")	6"	.19	lbs.
34 (.0063")	6"	.15	lbs.
44 (.002")	6"	.046	lbs.
50 (.001")	6"	.023	lbs.

Established in 1860
our Guiding Policy then
now and for the future
was, is, and will be
SERVICE!

TRIM BRONZE SHEET
ACID DIPPED, RESQUARED AND PATENT LEVELLED
QUARTER HARD

Thickness B. & S. Gauge	Size	Weight Per Lineal Foot
16 (.0508")	14" x 96"	2.68 lbs.
16 (.0508")	16" x 96"	3.06 lbs.
16 (.0508")	20" x 96"	3.82 lbs.
16 (.0508")	24" x 96"	4.60 lbs.
16 (.0508")	30" x 96"	5.75 lbs.
16 (.0508")	36" x 96"	6.90 lbs.
16 (.0508")	14" x 120"	2.68 lbs.
16 (.0508")	20" x 120"	3.82 lbs.
16 (.0508")	24" x 120"	4.60 lbs.
16 (.0508")	30" x 120"	5.75 lbs.
20 (.0320")	12" x 96"	1.45 lbs.
20 (.0320")	14" x 96"	1.69 lbs.
20 (.0320")	16" x 96"	1.93 lbs.
20 (.0320")	18" x 96"	2.18 lbs.
20 (.0320")	20" x 96"	2.40 lbs.
20 (.0320")	24" x 96"	2.90 lbs.
20 (.0320")	26" x 96"	3.14 lbs.
20 (.0320")	30" x 96"	3.60 lbs.
20 (.0320")	36" x 96"	4.35 lbs.
20 (.0320")	16" x 120"	1.93 lbs.
20 (.0320")	24" x 120"	2.90 lbs.
20 (.0320")	36" x 120"	4.35 lbs.
23 (.0226")	12" x 96"	1.02 lbs.
23 (.0226")	14" x 96"	1.19 lbs.
23 (.0226")	16" x 96"	1.36 lbs.
23 (.0226")	18" x 96"	1.53 lbs.
23 (.0226")	20" x 96"	1.70 lbs.
23 (.0226")	24" x 96"	2.04 lbs.
23 (.0226")	30" x 96"	2.55 lbs.
23 (.0226")	24" x 120"	2.04 lbs.

RODS

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Our direct wires to the mills and our teletype system, enable us to give you prompt service on your Stock and Mill Orders.

T. E. Conklin Brass & Copper Co.
Inc.

ESTABLISHED 1860

TRIM BRONZE
SOFT—ACID DIPPED
In Rolls

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
20 (.0320")	12"	1.45 lbs.
20 (.0320")	14"	1.69 lbs.
23 (.0226")	8"	.68 lbs.
23 (.0226")	10"	.85 lbs.
23 (.0226")	12"	1.02 lbs.
23 (.0226")	14"	1.19 lbs.
23 (.0226")	16"	1.36 lbs.
26 (.0159")	10"	.60 lbs.
26 (.0159")	12"	.71 lbs.
26 (.0159")	14"	.84 lbs.
26 (.0159")	16"	.96 lbs.

Our modern Gang Slitting Department and cutting facilities enable us to give you prompt service on your slit material. This will avoid long delays from the mill. Write or phone for special prices on material cut to size.

SPRING PHOSPHOR BRONZE SHEET

Flat Sheets

About 6 Feet Long

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
8 (.1285")	6"	2.91 lbs.
10 (.1019")	6"	2.31 lbs.
11 (.0901")	6"	2.06 lbs.
12 (.0808")	6"	1.83 lbs.
14 (.0641")	6"	1.45 lbs.
16 (.0508")	6"	1.15 lbs.
18 (.0403")	6"	.91 lbs.
20 (.0320")	6"	.73 lbs.
21 (.0285")	6"	.65 lbs.

SPRING PHOSPHOR BRONZE In Rolls

B. & S. Gauge	Thickness	Width	Weight Per Lineal Foot
20	(.0320")	6"	.73 lbs.
21	(.0285")	6"	.65 lbs.
22	(.0254")	6"	.58 lbs.
23	(.0226")	6"	.51 lbs.
24	(.0201")	6"	.46 lbs.
25	(.0179")	6"	.41 lbs.
26	(.0159")	6"	.36 lbs.
27	(.0142")	6"	.32 lbs.
28	(.0126")	6"	.29 lbs.
30	(.0100")	6"	.23 lbs.
32	(.0080")	6"	.18 lbs.
34	(.0063")	6"	.15 lbs.
36	(.0050")	6"	.12 lbs.
38	(.0040")	6"	.09 lbs.
40	(.0031")	6"	.07 lbs.
42	(.0025")	6"	.06 lbs.
44	(.0020")	6"	.05 lbs.

T. E. Conklin Brass & Copper Co.
Inc.
ESTABLISHED 1860

SOFT 18% NICKEL SILVER
In Rolls

Thickness B. & S. Gauge	Width	Weight Per Lineal Foot
18 (.0403")	6"	.92 lbs.
18 (.0403")	12"	1.84 lbs.
19 (.0359")	6"	.82 lbs.
20 (.0320")	6"	.72 lbs.
20 (.0320")	8"	.84 lbs.
20 (.0320")	12"	1.44 lbs.
21 (.0285")	6"	.66 lbs.
22 (.0254")	6"	.58 lbs.
22 (.0254")	8"	.68 lbs.
22 (.0254")	12"	1.16 lbs.
23 (.0226")	6"	.52 lbs.
24 (.0201")	6"	.46 lbs.
24 (.0201")	8"	.54 lbs.
24 (.0201")	12"	.92 lbs.
25 (.0179")	6"	.40 lbs.
26 (.0159")	6"	.36 lbs.
26 (.0159")	8"	.42 lbs.
27 (.0142")	6"	.32 lbs.
28 (.0126")	6"	.27 lbs.
28 (.0126")	8"	.34 lbs.
29 (.0113")	6"	.26 lbs.
30 (.0100")	6"	.23 lbs.
30 (.0100")	8"	.27 lbs.
31 (.0089")	6"	.20 lbs.
32 (.0080")	6"	.18 lbs.
33 (.0071")	6"	.16 lbs.
34 (.0063")	6"	.15 lbs.
35 (.0056")	6"	.13 lbs.
36 (.0050")	6"	.12 lbs.
42 (.0025")	6"	.06 lbs.
44 (.0020")	6"	.05 lbs.

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SOFT 18% NICKEL SILVER SHEET

Flat Sheets

About 6 Feet Long

Thickness, B. & S. Gauge	Width	Weight Per Lineal Foot
8 (.1285")	6"	2.92 lbs.
9 (.1144")	6"	2.60 lbs.
10 (.1019")	6"	2.28 lbs.
11 (.0901")	6"	2.06 lbs.
12 (.0808")	6"	1.84 lbs.
14 (.0641")	6"	1.46 lbs.
16 (.0508")	6"	1.16 lbs.

HALF HARD 18% NICKEL SILVER SHEET

Flat Sheets

About 7 to 8 Feet

Thickness, B. & S. Gauge	Width	Weight Per Lineal Foot
8 (.1285")	12"	5.84 lbs.
11 (.0901")	12"	4.12 lbs.
14 (.0641")	12"	2.92 lbs.
16 (.0508")	12"	2.32 lbs.
18 (.0403")	12"	1.84 lbs.
20 (.0320")	12"	1.44 lbs.
22 (.0254")	12"	1.16 lbs.

SPRING 18% NICKEL SILVER
In Rolls

Thickness, B. & S. Gauge	Width	Weight Per Lineal Foot
22 (.0254")	6"	.58 lbs.
24 (.0201")	6"	.46 lbs.
26 (.0159")	6"	.36 lbs.
28 (.0126")	6"	.29 lbs.
30 (.0100")	6"	.23 lbs.
32 (.0080")	6"	.18 lbs.
34 (.0063")	6"	.15 lbs.
36 (.0050")	6"	.12 lbs.

HALF HARD 18% NICKEL SILVER SHEET

Patent Levelled

Polished on One Side

Thickness, B. & S. Gauge	Width	Weight Per Lineal Foot
22 (.0254")	24" x 96"	2.32 lbs.
22 (.0254")	30" x 96"	2.90 lbs.
24 (.0201")	24" x 96"	1.84 lbs.
24 (.0201")	30" x 96"	2.30 lbs.

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COLD ROLLED COPPER SHEET

Half Hard

Patent Levelled

Ounce Per Square Foot	Nearest B. & S. Gauge	Size of Sheet	Weight Per Sheet
96 oz.	8	30" x 60"	75 lbs.
48 oz.	14	36" x 120"	90 lbs.
36 oz.	17	36" x 96"	54 lbs.
32 oz.	18	36" x 96"	48 lbs.
32 oz.	18	30" x 96"	40 lbs.
24 oz.	20	36" x 96"	36 lbs.
20 oz.	22	36" x 96"	30 lbs.
20 oz.	22	30" x 60"	15½ lbs.
20 oz.	22	24" x 96"	20 lbs.
18 oz.	23	36" x 96"	27 lbs.
18 oz.	23	30" x 96"	22½ lbs.
18 oz.	23	24" x 96"	18 lbs.
18 oz.	23	30" x 60"	14 lbs.
16 oz.	24	36" x 96"	24 lbs.
16 oz.	24	30" x 96"	20 lbs.
16 oz.	24	24" x 96"	16 lbs.
16 oz.	24	30" x 60"	12½ lbs.
16 oz.	24	24" x 48"	8 lbs.
16 oz.	24	14" x 48"	4¾ lbs.
16 oz.	24	12" x 120"	10 lbs.
14 oz.	25	36" x 96"	21 lbs.
14 oz.	25	30" x 96"	17½ lbs.
14 oz.	25	24" x 96"	14 lbs.
14 oz.	25	30" x 60"	11 lbs.
14 oz.	25	24" x 48"	7 lbs.
14 oz.	25	14" x 48"	4¼ lbs.
12 oz.	26	30" x 60"	9¼ lbs.

COLD ROLLED ANNEALED COPPER SHEET
Soft For Spinning and Stamping

Ounce Per Square Foot	Nearest B. & S. Gauge	Size of Sheet	Weight Per Sheet
32 oz.	18	36" x 96"	48 lbs.
24 oz.	20	36" x 96"	36 lbs.
20 oz.	22	36" x 96"	30 lbs.
18 oz.	23	36" x 96"	27 lbs.
16 oz.	24	36" x 96"	24 lbs.

COLD ROLLED COPPER SHEET
Tinned on One Side

Ounce Per Square Foot	Nearest B. & S. Gauge	Size of Sheet	Weight Per Sheet
24 oz.	20	36" x 96"	36 lbs.
18 oz.	23	36" x 96"	27 lbs.
18 oz.	23	30" x 96"	22½ lbs.
18 oz.	23	30" x 60"	14 lbs.
16 oz.	24	36" x 96"	24 lbs.
16 oz.	24	30" x 96"	20 lbs.
16 oz.	24	24" x 96"	16 lbs.
16 oz.	24	30" x 60"	12½ lbs.
14 oz.	25	36" x 96"	21 lbs.
14 oz.	25	30" x 96"	17½ lbs.
14 oz.	25	24" x 96"	14 lbs.
14 oz.	25	30" x 60"	11 lbs.

COLD ROLLED COPPER SHEET
Polished on One Side

Ounce Per Square Foot	Nearest B. & S. Gauge	Size of Sheet	Weight Per Sheet
18 oz.	23	36" x 96"	27 lbs.
16 oz.	24	36" x 96"	24 lbs.
16 oz.	24	30" x 60"	12½ lbs.
14 oz.	25	36" x 96"	21 lbs.
14 oz.	25	30" x 60"	11 lbs.

HALF HARD COPPER SHEET
About 7 to 8 Feet Long

Thickness	Width	Weight Per Lineal Foot
1/4" (.2500")	12"	11.59 lbs.
3/16" (.1875")	12"	8.69 lbs.
1/8" (.1250")	12"	5.80 lbs.
3/32" (.0937")	12"	4.35 lbs.
1/16" (.0625")	12"	2.90 lbs.
3/64" (.0468")	12"	2.18 lbs.
1/32" (.0320")	12"	1.45 lbs.

UTILITY (ECONOMY) STRIP COPPER
Cold Rolled Patent Levelled

Ounce Per Square Foot	Nearest B. & S. Gauge	Size of Sheet	Weight Per Sheet
16 oz.	24	12" x 120"	10 lbs.

RODS

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SOFT (HOT ROLLED) COPPER SHEET

Ounce Per Square Foot	Nearest B. & S. Gauge	Size of Sheet	Weight Per Sheet
96 oz.	8	30" x 60"	75 lbs.
80 oz.	9	30" x 60"	63 lbs.
72 oz.	10	30" x 60"	56 lbs.
64 oz.	11	30" x 60"	50 lbs.
56 oz.	12	30" x 60"	44 lbs.
48 oz.	14	30" x 60"	37½ lbs.
48 oz.	14	48" x 72"	72 lbs.
40 oz.	16	30" x 60"	31¼ lbs.
40 oz.	16	48" x 72"	60 lbs.
32 oz.	18	30" x 60"	25 lbs.
32 oz.	18	48" x 72"	48 lbs.
28 oz.	19	30" x 60"	22 lbs.
28 oz.	19	48" x 72"	42 lbs.
24 oz.	20	30" x 60"	18¾ lbs.
24 oz.	20	48" x 72"	36 lbs.
20 oz.	22	30" x 60"	15½ lbs.
20 oz.	22	48" x 72"	30 lbs.
18 oz.	23	30" x 60"	14¼ lbs.
18 oz.	23	48" x 72"	27 lbs.
18 oz.	23	30" x 96"	22½ lbs.
18 oz.	23	36" x 96"	27 lbs.
16 oz.	24	30" x 60"	12½ lbs.
16 oz.	24	48" x 72"	24 lbs.
16 oz.	24	20" x 96"	13⅓ lbs.
16 oz.	24	24" x 96"	16 lbs.
16 oz.	24	30" x 96"	20 lbs.
16 oz.	24	36" x 96"	24 lbs.
14 oz.	25	30" x 60"	11 lbs.
14 oz.	25	48" x 72"	21 lbs.
14 oz.	25	24" x 96"	14 lbs.
14 oz.	25	30" x 96"	17½ lbs.
14 oz.	25	36" x 96"	21 lbs.
12 oz.	26	30" x 60"	9¼ lbs.
10 oz.	28	30" x 60"	7¾ lbs.

SOFT (HOT ROLLED) COPPER SHEET
Tinned on One Side

Ounce Per Square Foot	Nearest B. & S. Gauge	Size of Sheet	Weight Per Sheet
12 oz.	26	30" x 60"	9¼ lbs.

SOFT COPPER IN ROLLS
COLD ROLLED ANNEALED
For Spinning and Stamping

Thickness, B. & S. Gauge	Width	Weight Per Lineal Foot
18 (.040")	12"	1.87 lbs.
18 (.040")	14"	2.18 lbs.
18 (.040")	16"	2.49 lbs.
18 (.040")	18"	2.80 lbs.
20 (.032")	8"	.99 lbs.
20 (.032")	10"	1.23 lbs.
20 (.032")	11"	1.36 lbs.
20 (.032")	12"	1.48 lbs.
20 (.032")	14"	1.73 lbs.
20 (.032")	16"	1.97 lbs.
20 (.032")	18"	2.22 lbs.
22 (.025")	8"	.79 lbs.
22 (.025")	10"	.98 lbs.
22 (.025")	12"	1.18 lbs.
22 (.025")	14"	1.38 lbs.
22 (.025")	16"	1.57 lbs.
22 (.025")	18"	1.77 lbs.
24 (.020")	7"	.54 lbs.
24 (.020")	8"	.62 lbs.
24 (.020")	10"	.77 lbs.
24 (.020")	12"	.93 lbs.
24 (.020")	14"	1.08 lbs.
24 (.020")	16"	1.24 lbs.
24 (.020")	18"	1.40 lbs.
24 (.020")	20"	1.55 lbs.
25 (.018")	14"	.97 lbs.
25 (.018")	20"	1.38 lbs.
26 (.016")	8"	.49 lbs.
26 (.016")	10"	.62 lbs.
26 (.016")	12"	.74 lbs.
26 (.016")	14"	.86 lbs.
28 (.012")	8"	.39 lbs.
28 (.012")	10"	.48 lbs.
28 (.012")	12"	.58 lbs.
28 (.012")	14"	.68 lbs.
30 (.010")	12"	.46 lbs.
32 (.008")	12"	.37 lbs.
36 (.005")	12"	.23 lbs.

COPPER FOIL IN ROLLS

Width	Thickness	Weight Per Lineal Foot
6"	.001"	.023 lbs.
6"	.002"	.046 lbs.

RODS

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T. E. Conklin Brass & Copper Co.
Inc.
ESTABLISHED 1860

**SOFT COPPER IN ROLLS
FOR FLASHINGS AND VALLEYS**
Especially Adapted for Roofing

Weight Per Square Foot	Width	Weight Per Square Blank
16 oz.	7"	5½ oz.
16 oz.	8"	7 oz.
16 oz.	10"	11 oz.
16 oz.	12"	16 oz.
16 oz.	14"	22 oz.
16 oz.	16"	28 oz.
16 oz.	18"	36 oz.
16 oz.	20"	42 oz.
14 oz.	14"	20 oz.
14 oz.	20"	38 oz.

COPPER ANODES
Hot Rolled—Untrimmed

Sizes: 17½" x 20" ½" thick
4" x 23" ¾" thick

Our direct wires to the mills and our teletype system, enable us to give you prompt service on your Stock and Mill Orders.

SPRING BRUSH COPPER
In Rolls

Thickness, B. & S. Gauge	Width	Weight Per Lineal Foot
20 (.032")	8"	.99 lbs.
22 (.025")	8"	.79 lbs.
24 (.020")	8"	.62 lbs.
26 (.016")	8"	.49 lbs.
28 (.012")	8"	.39 lbs.
30 (.010")	8"	.31 lbs.
32 (.008")	8"	.25 lbs.
34 (.006")	8"	.19 lbs.
36 (.005")	8"	.15 lbs.

RODS

WIRE

TUBES

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DATA

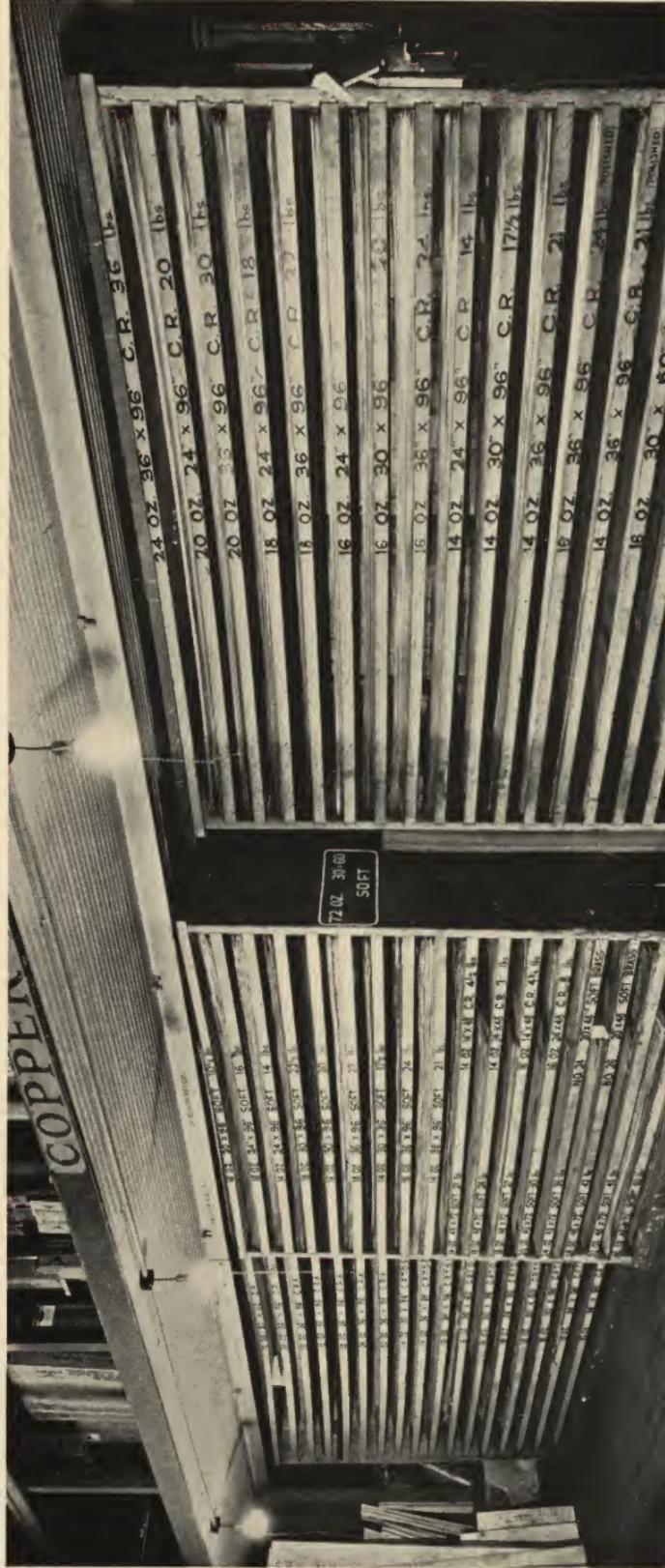
QUARTER-HARD COPPER
In Rolls

Thickness, B. & S. Gauge	Width	Weight Per Lineal Foot
24 (.020")	6"	.46 lbs.

Our modern Gang Slitting Department and cutting facilities enable us to give you prompt service on your slit material. This will avoid long delays from the mill. Write or phone for special prices on material cut to size.

**T. E. Conklin Brass & Copper Co.
Inc.**

ESTABLISHED 1860



T. E. Conklin Brass & Copper Co., Inc.

ESTABLISHED 1860

RODS

VARIOUS SHAPES AND SIZES

BRASS

COMMERCIAL BRONZE

TECCO BRONZE

TOBIN BRONZE

NAVAL BRONZE

EVERDUR

COPPER

PHOSPHOR BRONZE

NICKEL SILVER

EXTRUDED BRONZE

Other sizes than those listed
can be made to order
promptly. Write or phone us
for information.



IN STOCK — FOR IMMEDIATE SHIPMENT

RODS

WIRE

TUBES

SHAPES

ACCESSORIES

DATA

T. E. Conklin Brass & Copper Co., Inc.

ESTABLISHED 1860

RODS

VARIOUS SHAPES AND SIZES

BRASS

COMMERCIAL BRONZE

TECCO BRONZE

TOBIN BRONZE

NAVAL BRONZE

EVERDUR

COPPER

PHOSPHOR BRONZE

NICKEL SILVER

EXTRUDED BRONZE

Other sizes than those listed
can be made to order
promptly. Write or phone us
for information.



IN STOCK — FOR IMMEDIATE SHIPMENT

ROUND BRASS ROD

Free Turning

8 to 12 Feet Long

Diameter	Weight Per Lineal Foot
1/8"	.045 lbs.
9/64"	.054 lbs.
5/32"	.070 lbs.
11/64"	.080 lbs.
3/16"	.101 lbs.
13/64"	.119 lbs.
7/32"	.138 lbs.
15/64"	.160 lbs.
1/4"	.181 lbs.
17/64"	.205 lbs.
9/32"	.229 lbs.
5/16"	.282 lbs.
11/32"	.342 lbs.
3/8"	.407 lbs.
13/32"	.477 lbs.
7/16"	.554 lbs.
15/32"	.636 lbs.
1/2"	.724 lbs.
17/32"	.816 lbs.
9/16"	.916 lbs.
19/32"	1.020 lbs.
5/8"	1.130 lbs.
21/32"	1.246 lbs.
11/16"	1.368 lbs.
23/32"	1.495 lbs.
3/4"	1.628 lbs.
13/16"	1.910 lbs.
7/8"	2.215 lbs.
15/16"	2.543 lbs.
1"	2.893 lbs.
1 1/16"	3.266 lbs.
1 1/8"	3.662 lbs.
1 3/16"	4.080 lbs.
1 1/4"	4.521 lbs.
1 5/16"	4.984 lbs.
1 3/8"	5.470 lbs.

(Continued on page 54)

WIRE

TUBES

SHAPES

ACCESSORIES

DATA

T. E. Conklin Brass & Copper Co.

Inc.

ESTABLISHED 1860

ROUND BRASS ROD

Free Turning

8 to 12 Feet Long

(Continued from page 53)

Diameter	Weight Per Lineal Foot
1 $\frac{7}{16}$ "	5.979 lbs.
1 $\frac{1}{2}$ "	6.510 lbs.
1 $\frac{9}{16}$ "	7.064 lbs.
1 $\frac{5}{8}$ "	7.640 lbs.
1 $\frac{3}{4}$ "	8.861 lbs.
1 $\frac{7}{8}$ "	10.17 lbs.
2"	11.57 lbs.
2 $\frac{1}{8}$ "	13.07 lbs.
2 $\frac{1}{4}$ "	14.65 lbs.
2 $\frac{3}{8}$ "	16.32 lbs.
2 $\frac{1}{2}$ "	18.08 lbs.
2 $\frac{5}{8}$ "	19.94 lbs.
2 $\frac{3}{4}$ "	21.88 lbs.
3"	26.04 lbs.

Our direct wires to the mills and our teletype system, enable us to give you prompt service on your Stock and Mill Orders.

**ROUND BRASS ROD
STUBS GAUGE SIZES**

Diameter Stubs Gauge	Length
7 (.180")	6'
8 (.165")	6'
9 (.148")	6'
10 (.134")	6'
11 (.120")	6'
12 (.109")	6'
13 (.095")	3'
14 (.083")	3'
15 (.072")	3'
16 (.065")	3'
17 (.058")	3'
18 (.049")	3'

WIRE

TUBES

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Our modern Gang Slitting Department and cutting facilities enable us to give you prompt service on your slit material. This will avoid long delays from the mill. Write or phone for special prices on material cut to size.

ROUND BRASS ROD
DRILL GAUGE SIZES

Drill Gauge	Length
1 (.2280")	3'
4 (.2090")	3'
5 (.2055")	3'
6 (.2032")	6'
8 (.1990")	3'
10 (.1935")	3'
12 (.1875")	6'
14 (.1800")	6'
16 (.1770")	3'
18 (.1695")	3'
19 (.1650")	6'
20 (.1610")	3'
22 (.1563")	6'
24 (.1520")	3'
25 (.1480")	6'
27 (.1440")	3'
28 (.1406")	6'
29 (.1340")	6'
30 (.1250")	6'
31 (.1200")	6'
32 (.1160")	3'
34 (.1110")	3'
35 (.1090")	6'
36 (.1065")	3'
38 (.1015")	3'
40 (.0980")	3'
42 (.0950")	3'
44 (.0860")	3'
45 (.0830")	3'
46 (.0810")	3'
48 (.0760")	3'
49 (.0720")	3'
50 (.0700")	3'
52 (.0650")	3'
53 (.0580")	3'
54 (.0550")	3'
55 (.0490")	3'
58 (.0420")	3'
60 (.0400")	3'

HALF ROUND BRASS ROD

Free Turning

8 to 12 Feet Long

Dimensions	Weight Per Lineal Foot
$\frac{3}{16}'' \times \frac{3}{32}''$	.050 lbs.
$\frac{1}{4}'' \times \frac{1}{8}''$	.090 lbs.
$\frac{5}{16}'' \times \frac{5}{32}''$	.141 lbs.
$\frac{3}{8}'' \times \frac{3}{16}''$	.204 lbs.
$\frac{7}{16}'' \times \frac{7}{32}''$	.277 lbs.
$\frac{1}{2}'' \times \frac{1}{4}''$	.362 lbs.
$\frac{5}{8}'' \times \frac{5}{16}''$	.565 lbs.
$\frac{3}{4}'' \times \frac{3}{8}''$	.814 lbs.
$\frac{7}{8}'' \times \frac{7}{16}''$	1.108 lbs.
$1'' \times \frac{1}{2}''$	1.447 lbs.
$1\frac{1}{4}'' \times \frac{5}{8}''$	2.260 lbs.

HALF OVAL BRASS ROD

Free Turning

8 to 12 Feet Long

Dimensions	Weight Per Lineal Foot
$\frac{3}{8}'' \times \frac{3}{32}''$	.097 lbs.
$\frac{1}{2}'' \times \frac{1}{8}''$	.167 lbs.
$\frac{5}{8}'' \times \frac{5}{32}''$	.260 lbs.
$\frac{3}{4}'' \times \frac{3}{16}''$	.378 lbs.
$\frac{3}{4}'' \times \frac{1}{4}''$	.505 lbs.
$\frac{7}{8}'' \times \frac{7}{32}''$	.509 lbs.
$\frac{7}{8}'' \times \frac{1}{4}''$	.584 lbs.
$1'' \times \frac{1}{4}''$	.662 lbs.
$1\frac{1}{4}'' \times \frac{5}{16}''$	1.000 lbs.
$1\frac{1}{2}'' \times \frac{5}{8}''$	1.420 lbs.

Established in 1860
our Guiding Policy then
now and for the future
was, is, and will be
S E R V I C E !

WIRE

TUBES

SHAPES

ACCESSORIES

DATA

SQUARE BRASS ROD

Free Turning

8 to 12 Feet Long

Size	Weight Per Lineal Foot
$\frac{1}{8}''$	.058 lbs.
$\frac{3}{16}''$	.130 lbs.
$\frac{1}{4}''$	.230 lbs.
$\frac{5}{16}''$	.360 lbs.
$\frac{3}{8}''$	.518 lbs.
$\frac{7}{16}''$	.705 lbs.
$\frac{1}{2}''$	.921 lbs.
$\frac{9}{16}''$	1.166 lbs.
$\frac{5}{8}''$	1.439 lbs.
$\frac{3}{4}''$	2.072 lbs.
$\frac{7}{8}''$	2.821 lbs.
1"	3.684 lbs.
$1\frac{1}{8}''$	4.663 lbs.
$1\frac{1}{4}''$	5.756 lbs.
$1\frac{1}{2}''$	8.289 lbs.
2"	14.740 lbs.

Our modern Gang Slitting Department and cutting facilities enable us to give you prompt service on your slit material. This will avoid long delays from the mill. Write or phone for special prices on material cut to size.

HEXAGON BRASS ROD

Free Turning

8 to 12 Feet Long

WIRE

TUBES

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DATA

Size	Weight Per Lineal Foot
$\frac{1}{8}''$.050 lbs.
$\frac{5}{32}''$.078 lbs.
$\frac{3}{16}''$.112 lbs.
$\frac{7}{32}''$.153 lbs.
$\frac{1}{4}''$	.199 lbs.
$\frac{9}{32}''$	.253 lbs.
$\frac{5}{16}''$	.312 lbs.
$\frac{3}{8}''$	.449 lbs.
$\frac{7}{16}''$	.611 lbs.
$\frac{1}{2}''$	.798 lbs.
$\frac{9}{16}''$	1.009 lbs.
$\frac{5}{8}''$	1.246 lbs.
$\frac{11}{16}''$	1.508 lbs.
$\frac{3}{4}''$	1.795 lbs.
$\frac{13}{16}''$	2.106 lbs.
$\frac{7}{8}''$	2.443 lbs.
$\frac{15}{16}''$	2.804 lbs.
1"	3.190 lbs.
$1\frac{1}{16}''$	3.602 lbs.
$1\frac{1}{8}''$	4.038 lbs.
$1\frac{3}{16}''$	4.499 lbs.
$1\frac{1}{4}''$	4.985 lbs.
$1\frac{5}{16}''$	5.496 lbs.
$1\frac{3}{8}''$	6.032 lbs.
$1\frac{1}{2}''$	7.178 lbs.
$1\frac{5}{8}''$	8.425 lbs.
$1\frac{3}{4}''$	9.771 lbs.
2"	12.760 lbs.

Our direct wires to the mills and our teletype system, enable us to give you prompt service on your Stock and Mill Orders.

RECTANGULAR BRASS ROD
Free Turning

8 to 12 Feet Long

Dimensions	Pounds Per Foot
$\frac{3}{32}'' \times \frac{3}{8}''$	.129 lbs.
$\frac{3}{32}'' \times \frac{1}{2}''$	.173 lbs.
$\frac{1}{8}'' \times \frac{1}{4}''$	.115 lbs.
$\frac{1}{8}'' \times \frac{5}{16}''$	.144 lbs.
$\frac{1}{8}'' \times \frac{3}{8}''$	.173 lbs.
$\frac{1}{8}'' \times \frac{1}{2}''$	.230 lbs.
$\frac{1}{8}'' \times \frac{5}{8}''$	.288 lbs.
$\frac{1}{8}'' \times \frac{3}{4}''$	.345 lbs.
$\frac{1}{8}'' \times \frac{7}{8}''$	.403 lbs.
$\frac{1}{8}'' \times 1''$	.461 lbs.
$\frac{1}{8}'' \times 1\frac{1}{4}''$	.576 lbs.
$\frac{1}{8}'' \times 1\frac{1}{2}''$	.692 lbs.
$\frac{1}{8}'' \times 1\frac{3}{4}''$	.806 lbs.
$\frac{1}{8}'' \times 2''$	.922 lbs.
$\frac{3}{16}'' \times \frac{1}{4}''$	.173 lbs.
$\frac{3}{16}'' \times \frac{5}{16}''$	.216 lbs.
$\frac{3}{16}'' \times \frac{3}{8}''$	.259 lbs.
$\frac{3}{16}'' \times \frac{1}{2}''$	.346 lbs.
$\frac{3}{16}'' \times \frac{5}{8}''$	.432 lbs.
$\frac{3}{16}'' \times \frac{3}{4}''$	.519 lbs.
$\frac{3}{16}'' \times \frac{7}{8}''$	.605 lbs.
$\frac{3}{16}'' \times 1''$	.692 lbs.
$\frac{3}{16}'' \times 1\frac{1}{4}''$	.864 lbs.
$\frac{3}{16}'' \times 1\frac{1}{2}''$	1.037 lbs.
$\frac{3}{16}'' \times 1\frac{3}{4}''$	1.210 lbs.
$\frac{3}{16}'' \times 2''$	1.383 lbs.
$\frac{1}{4}'' \times \frac{3}{8}''$	.346 lbs.
$\frac{1}{4}'' \times \frac{1}{2}''$	.461 lbs.
$\frac{1}{4}'' \times \frac{5}{8}''$	.576 lbs.
$\frac{1}{4}'' \times \frac{3}{4}''$	.692 lbs.
$\frac{1}{4}'' \times \frac{7}{8}''$	.807 lbs.
$\frac{1}{4}'' \times 1''$	.922 lbs.
$\frac{1}{4}'' \times 1\frac{1}{8}''$	1.037 lbs.
$\frac{1}{4}'' \times 1\frac{1}{4}''$	1.152 lbs.
$\frac{1}{4}'' \times 1\frac{1}{2}''$	1.383 lbs.
$\frac{1}{4}'' \times 1\frac{3}{4}''$	1.613 lbs.
$\frac{1}{4}'' \times 2''$	1.844 lbs.
$\frac{1}{4}'' \times 2\frac{1}{2}''$	2.305 lbs.
$\frac{1}{4}'' \times 3''$	2.766 lbs.

(Continued on page 61)

RECTANGULAR BRASS ROD

Free Turning

8 to 12 Feet Long

(Continued from page 60)

Dimensions	Pounds Per Foot
5/16" x 1/2"	.577 lbs.
5/16" x 5/8"	.720 lbs.
5/16" x 3/4"	.864 lbs.
5/16" x 7/8"	1.008 lbs.
5/16" x 1"	1.153 lbs.
5/16" x 1 1/2"	1.728 lbs.
5/16" x 2"	2.305 lbs.
5/16" x 3"	3.458 lbs.
3/8" x 1/2"	.692 lbs.
3/8" x 5/8"	.864 lbs.
3/8" x 3/4"	1.037 lbs.
3/8" x 7/8"	1.210 lbs.
3/8" x 1"	1.383 lbs.
3/8" x 1 1/4"	1.728 lbs.
3/8" x 1 1/2"	2.074 lbs.
3/8" x 1 3/4"	2.420 lbs.
3/8" x 2"	2.766 lbs.
3/8" x 2 1/2"	3.457 lbs.
3/8" x 3"	4.148 lbs.
1/2" x 5/8"	1.152 lbs.
1/2" x 3/4"	1.383 lbs.
1/2" x 7/8"	1.613 lbs.
1/2" x 1"	1.844 lbs.
1/2" x 1 1/4"	2.305 lbs.
1/2" x 1 1/2"	2.766 lbs.
1/2" x 1 3/4"	3.227 lbs.
1/2" x 2"	3.688 lbs.
1/2" x 2 1/2"	4.610 lbs.
1/2" x 3"	5.532 lbs.
5/8" x 3/4"	1.728 lbs.
5/8" x 7/8"	2.016 lbs.
5/8" x 1"	2.305 lbs.
5/8" x 1 1/4"	2.881 lbs.
3/4" x 1"	2.766 lbs.
3/4" x 1 1/4"	3.457 lbs.
3/4" x 1 1/2"	4.149 lbs.

SLIT, SHEARED OR SAWED EDGE BRASS STRIPS
See Pages 21 and 22

WIRE

TUBES

SHAPES

ACCESSORIES

DATA

COMMERCIAL BRONZE ROD

Round

Lengths of 10 to 12 Feet

Diameter	Weight Per Lineal Foot
$\frac{1}{8}''$	.047 lbs.
$\frac{3}{16}''$	.105 lbs.
$\frac{1}{4}''$	.188 lbs.
$\frac{5}{16}''$	.293 lbs.
$\frac{3}{8}''$	.422 lbs.
$\frac{7}{16}''$	.574 lbs.
$\frac{1}{2}''$	.750 lbs.
$\frac{9}{16}''$	.949 lbs.
$\frac{5}{8}''$	1.172 lbs.
$\frac{3}{4}''$	1.688 lbs.
$\frac{7}{8}''$	2.297 lbs.
1"	3.000 lbs.
$1\frac{1}{4}''$	4.693 lbs.

COMMERCIAL BRONZE ROD

Half Round

Lengths of 10 to 12 Feet

Dimensions	Weight Per Lineal Foot
$\frac{1}{2}'' \times \frac{1}{4}''$	.375 lbs.
$\frac{5}{8}'' \times \frac{5}{16}''$	.586 lbs.
$\frac{3}{4}'' \times \frac{3}{8}''$	.844 lbs.

COMMERCIAL BRONZE ROD

Square

Lengths of 10 to 12 Feet

Size	Weight Per Lineal Foot
$\frac{3}{16}''$	.134 lbs.
$\frac{1}{4}''$	.239 lbs.
$\frac{5}{16}''$	.372 lbs.
$\frac{3}{8}''$	.537 lbs.
$\frac{1}{2}''$	.955 lbs.
$\frac{5}{8}''$	1.492 lbs.
$\frac{3}{4}''$	2.148 lbs.
1"	3.820 lbs.

COMMERCIAL BRONZE ROD

Rectangular

Lengths of 10 to 12 Feet

Dimensions	Weight Per Lineal Foot
$\frac{1}{8}'' \times \frac{3}{8}''$	.179 lbs.
$\frac{1}{8}'' \times \frac{1}{2}''$	.239 lbs.
$\frac{1}{8}'' \times \frac{5}{8}''$	.297 lbs.
$\frac{1}{8}'' \times \frac{3}{4}''$	.358 lbs.
$\frac{1}{8}'' \times 1''$	.478 lbs.
$\frac{1}{8}'' \times 1\frac{1}{4}''$	.597 lbs.
$\frac{1}{8}'' \times 1\frac{1}{2}''$	.716 lbs.
$\frac{1}{8}'' \times 2''$	.955 lbs.
$\frac{3}{16}'' \times \frac{3}{8}''$	.269 lbs.
$\frac{3}{16}'' \times \frac{1}{2}''$	.357 lbs.
$\frac{3}{16}'' \times \frac{5}{8}''$	.446 lbs.
$\frac{3}{16}'' \times \frac{3}{4}''$	.537 lbs.
$\frac{3}{16}'' \times \frac{7}{8}''$	.626 lbs.
$\frac{3}{16}'' \times 1''$	.714 lbs.
$\frac{3}{16}'' \times 1\frac{1}{4}''$	.893 lbs.
$\frac{3}{16}'' \times 1\frac{1}{2}''$	1.074 lbs.
$\frac{3}{16}'' \times 2''$	1.429 lbs.
$\frac{1}{4}'' \times \frac{3}{8}''$	.358 lbs.
$\frac{1}{4}'' \times \frac{1}{2}''$	.478 lbs.
$\frac{1}{4}'' \times \frac{5}{8}''$	.597 lbs.
$\frac{1}{4}'' \times \frac{3}{4}''$	.716 lbs.
$\frac{1}{4}'' \times 1''$	.955 lbs.
$\frac{1}{4}'' \times 1\frac{1}{4}''$	1.194 lbs.
$\frac{1}{4}'' \times 1\frac{1}{2}''$	1.432 lbs.
$\frac{1}{4}'' \times 2''$	1.910 lbs.
$\frac{5}{16}'' \times \frac{1}{2}''$	.596 lbs.
$\frac{5}{16}'' \times \frac{5}{8}''$	.745 lbs.
$\frac{5}{16}'' \times \frac{3}{4}''$	.895 lbs.
$\frac{5}{16}'' \times 1''$	1.193 lbs.
$\frac{3}{8}'' \times \frac{1}{2}''$	.716 lbs.
$\frac{3}{8}'' \times \frac{5}{8}''$.895 lbs.
$\frac{3}{8}'' \times \frac{3}{4}''$	1.074 lbs.
$\frac{3}{8}'' \times \frac{7}{8}''$	1.253 lbs.
$\frac{3}{8}'' \times 1''$	1.432 lbs.

(Continued on page 64)

WIRE

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COMMERCIAL BRONZE ROD

Rectangular

Lengths of 10 to 12 Feet

(Continued from page 63)

Dimensions	Weight Per Lineal Foot
$\frac{3}{8}'' \times 1\frac{1}{4}''$	1.790 lbs.
$\frac{3}{8}'' \times 1\frac{1}{2}''$	2.148 lbs.
$\frac{3}{8}'' \times 2''$	2.865 lbs.
$\frac{1}{2}'' \times \frac{5}{8}''$	1.194 lbs.
$\frac{1}{2}'' \times \frac{3}{4}''$	1.432 lbs.
$\frac{1}{2}'' \times 1''$	1.910 lbs.
$\frac{1}{2}'' \times 1\frac{1}{4}''$	2.387 lbs.
$\frac{1}{2}'' \times 1\frac{1}{2}''$	2.865 lbs.
$\frac{1}{2}'' \times 2''$	3.820 lbs.
$\frac{5}{8}'' \times 1\frac{1}{4}''$	2.984 lbs.
$\frac{3}{4}'' \times 1\frac{1}{2}''$	4.297 lbs.

Our direct wires to the mills and our teletype system, enable us to give you prompt service on your Stock and Mill Orders.

SQUARE EXTRUDED BRONZE ROD

Lengths About 12 to 15 Feet

Size	Weight Per Lineal Foot
$\frac{1}{4}''$	.23 lbs.
$\frac{5}{16}''$	.36 lbs.
$\frac{3}{8}''$	.52 lbs.
$\frac{7}{16}''$	.71 lbs.
$\frac{1}{2}''$	.92 lbs.
$\frac{5}{8}''$	1.44 lbs.
$\frac{3}{4}''$	2.08 lbs.
$\frac{7}{8}''$	2.82 lbs.
1"	3.68 lbs.

FOR RECTANGULAR EXTRUDED BRONZE BAR

See Page 66

WIRE

TUBES

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Our modern Gang Slitting Department and cutting facilities enable us to give you prompt service on your slit material. This will avoid long delays from the mill. Write or phone for special prices on material cut to size.

RECTANGULAR EXTRUDED BRONZE BAR
Lengths About 12 to 15 Feet

Dimensions	Weight Per Lineal Foot
$\frac{1}{8}'' \times \frac{3}{4}''$	.35 lbs.
$\frac{1}{8}'' \times 1''$	.46 lbs.
$\frac{1}{8}'' \times 1\frac{1}{2}''$	.69 lbs.
$\frac{1}{4}'' \times \frac{3}{8}''$	.35 lbs.
$\frac{1}{4}'' \times \frac{1}{2}''$	.46 lbs.
$\frac{1}{4}'' \times \frac{3}{4}''$	.69 lbs.
$\frac{1}{4}'' \times 1''$	.92 lbs.
$\frac{1}{4}'' \times 1\frac{1}{2}''$	1.38 lbs.
$\frac{1}{4}'' \times 2''$	1.84 lbs.
$\frac{3}{8}'' \times \frac{1}{2}''$	.69 lbs.
$\frac{3}{8}'' \times \frac{3}{4}''$	1.04 lbs.
$\frac{3}{8}'' \times \frac{7}{8}''$	1.21 lbs.
$\frac{3}{8}'' \times 1''$	1.38 lbs.

FOR SQUARE EXTRUDED BRONZE BAR
See Page 65

Established in 1860
 our Guiding Policy then
 now and for the future
 was, is, and will be
 SERVICE!

ROUND NAVAL TECCO BRAND BRONZE ROD
 10 to 12 Feet Long

Diameter	Weight Per Lineal Foot
$\frac{1}{8}''$	.045 lbs.
$\frac{3}{16}''$	.101 lbs.
$\frac{1}{4}''$	.179 lbs.
$\frac{5}{16}''$	.280 lbs.
$\frac{3}{8}''$	.403 lbs.
$\frac{7}{16}''$	.548 lbs.
$\frac{1}{2}''$	.716 lbs.
$\frac{9}{16}''$	.907 lbs.
$\frac{5}{8}''$	1.119 lbs.
$\frac{11}{16}''$	1.354 lbs.
$\frac{3}{4}''$	1.612 lbs.
$\frac{13}{16}''$	1.891 lbs.
$\frac{7}{8}''$	2.194 lbs.
$\frac{15}{16}''$	2.518 lbs.
1"	2.865 lbs.
$1\frac{1}{16}''$	3.234 lbs.
$1\frac{1}{8}''$	3.626 lbs.
$1\frac{1}{4}''$	4.477 lbs.
$1\frac{3}{8}''$	5.417 lbs.
$1\frac{1}{2}''$	6.447 lbs.
$1\frac{5}{8}''$	7.566 lbs.
$1\frac{3}{4}''$	8.774 lbs.
$1\frac{7}{8}''$	10.070 lbs.
2"	11.460 lbs.

HEXAGON NAVAL TECCO BRAND BRONZE ROD
 10 to 12 Feet Long

Size	Weight Per Lineal Foot
$\frac{7}{16}''$	.605 lbs.
$\frac{1}{2}''$	.790 lbs.
$\frac{5}{8}''$	1.234 lbs.
$\frac{3}{4}''$	1.777 lbs.
$\frac{7}{8}''$	2.419 lbs.
1"	3.159 lbs.
$1\frac{1}{8}''$	3.998 lbs.
$1\frac{1}{4}''$	4.936 lbs.
$1\frac{1}{2}''$	7.108 lbs.

WIRE

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T. E. Conklin Brass & Copper Co.
Inc.
ESTABLISHED 1860

ROUND TOBIN BRONZE ROD
10 to 12 Feet Long

Diameter	Weight Per Lineal Foot
$\frac{1}{8}''$	.045 lbs.
$\frac{3}{16}''$	.101 lbs.
$\frac{1}{4}''$	.179 lbs.
$\frac{5}{16}''$	.280 lbs.
$\frac{3}{8}''$	.403 lbs.
$\frac{7}{16}''$	.548 lbs.
$\frac{1}{2}''$	.716 lbs.
$\frac{9}{16}''$	.907 lbs.
$\frac{5}{8}''$	1.119 lbs.
$\frac{11}{16}''$	1.354 lbs.
$\frac{3}{4}''$	1.612 lbs.
$\frac{13}{16}''$	1.891 lbs.
$\frac{7}{8}''$	2.194 lbs.
$\frac{15}{16}''$	2.518 lbs.
1"	2.865 lbs.
$1\frac{1}{16}''$	3.234 lbs.
$1\frac{1}{8}''$	3.626 lbs.
$1\frac{1}{4}''$	4.477 lbs.
$1\frac{3}{8}''$	5.417 lbs.
$1\frac{1}{2}''$	6.447 lbs.
$1\frac{5}{8}''$	7.566 lbs.
$1\frac{3}{4}''$	8.774 lbs.
$1\frac{7}{8}''$	10.070 lbs.
2"	11.460 lbs.

HEXAGON TOBIN BRONZE ROD
10 to 12 Feet Long

Size	Weight Per Lineal Foot
$\frac{7}{16}''$	.605 lbs.
$\frac{1}{2}''$	.790 lbs.
$\frac{5}{8}''$	1.234 lbs.
$\frac{3}{4}''$	1.777 lbs.
$\frac{7}{8}''$	2.419 lbs.
1"	3.159 lbs.
$1\frac{1}{8}''$	3.998 lbs.
$1\frac{1}{4}''$	4.936 lbs.
$1\frac{1}{2}''$	7.108 lbs.

ROUND EVERDUR ROD

Commercial Finish

10 to 12 Feet Long

Diameter	Weight Per Lineal Foot
$\frac{1}{8}''$	.045 lbs.
$\frac{3}{16}''$	.102 lbs.
$\frac{1}{4}''$	.182 lbs.
$\frac{5}{16}''$	.284 lbs.
$\frac{3}{8}''$	.408 lbs.
$\frac{7}{16}''$	.556 lbs.
$\frac{1}{2}''$	.726 lbs.
$\frac{9}{16}''$	.919 lbs.
$\frac{5}{8}''$	1.134 lbs.
$\frac{3}{4}''$	1.633 lbs.
1"	2.903 lbs.

Our modern Gang Slitting Department and cutting facilities enable us to give you prompt service on your slit material. This will avoid long delays from the mill. Write or phone for special prices on material cut to size.

HARD DRAWN ROUND COPPER ROD
10 to 12 Feet Long

Diameter	Weight Per Lineal Foot
$\frac{1}{8}''$	.048 lbs.
$\frac{3}{16}''$	.107 lbs.
$\frac{1}{4}''$	.189 lbs.
$\frac{5}{16}''$	.296 lbs.
$\frac{3}{8}''$	.426 lbs.
$\frac{7}{16}''$	.580 lbs.
$\frac{1}{2}''$	.758 lbs.
$\frac{9}{16}''$	.959 lbs.
$\frac{5}{8}''$	1.184 lbs.
$\frac{3}{4}''$	1.705 lbs.
$\frac{7}{8}''$	2.324 lbs.
1"	3.035 lbs.
$1\frac{1}{8}''$	3.841 lbs.
$1\frac{1}{4}''$	4.742 lbs.
$1\frac{3}{8}''$	5.738 lbs.
$1\frac{1}{2}''$	6.828 lbs.
$1\frac{5}{8}''$	8.014 lbs.
$1\frac{3}{4}''$	9.294 lbs.
2"	12.140 lbs.

HARD DRAWN SQUARE COPPER ROD
10 to 12 Feet Long

Size	Weight Per Lineal Foot
$\frac{3}{16}''$	.136 lbs.
$\frac{1}{4}''$	.242 lbs.
$\frac{5}{16}''$	.377 lbs.
$\frac{3}{8}''$	.543 lbs.
$\frac{1}{2}''$	.966 lbs.
$\frac{5}{8}''$	1.509 lbs.
$\frac{3}{4}''$	2.174 lbs.
$\frac{7}{8}''$	2.958 lbs.
1"	3.864 lbs.
$1\frac{1}{4}''$	6.038 lbs.
$1\frac{1}{2}''$	8.694 lbs.
$1\frac{3}{4}''$	11.830 lbs.
2"	15.460 lbs.

WIRE

TUBES

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HARD DRAWN BUS BAR COPPER
(Rectangular Copper Rod) 10 to 12 Feet Long

Dimensions	Weight Per Lineal Foot
$\frac{1}{16}'' \times \frac{3}{8}''$	.091 lbs.
$\frac{1}{16}'' \times \frac{1}{2}''$	.121 lbs.
$\frac{1}{16}'' \times \frac{5}{8}''$	.151 lbs.
$\frac{1}{16}'' \times \frac{3}{4}''$	.181 lbs.
$\frac{1}{16}'' \times \frac{7}{8}''$	.211 lbs.
$\frac{1}{16}'' \times 1''$	.242 lbs.
$\frac{3}{32}'' \times \frac{3}{8}''$	.136 lbs.
$\frac{3}{32}'' \times \frac{1}{2}''$	.181 lbs.
$\frac{3}{32}'' \times \frac{5}{8}''$	.226 lbs.
$\frac{3}{32}'' \times \frac{3}{4}''$	.272 lbs.
$\frac{3}{32}'' \times \frac{7}{8}''$	.307 lbs.
$\frac{3}{32}'' \times 1''$	.362 lbs.
$\frac{3}{32}'' \times 1\frac{1}{4}''$	.453 lbs.
$\frac{3}{32}'' \times 1\frac{1}{2}''$	.544 lbs.
$\frac{1}{8}'' \times \frac{1}{4}''$	.121 lbs.
$\frac{1}{8}'' \times \frac{3}{8}''$	.181 lbs.
$\frac{1}{8}'' \times \frac{1}{2}''$	.242 lbs.
$\frac{1}{8}'' \times \frac{5}{8}''$	.302 lbs.
$\frac{1}{8}'' \times \frac{3}{4}''$	.362 lbs.
$\frac{1}{8}'' \times \frac{7}{8}''$	.423 lbs.
$\frac{1}{8}'' \times 1''$	.483 lbs.
$\frac{1}{8}'' \times 1\frac{1}{4}''$	.604 lbs.
$\frac{1}{8}'' \times 1\frac{1}{2}''$	.724 lbs.
$\frac{1}{8}'' \times 1\frac{3}{4}''$	.845 lbs.
$\frac{1}{8}'' \times 2''$	.966 lbs.
$\frac{3}{16}'' \times \frac{1}{2}''$	.362 lbs.
$\frac{3}{16}'' \times \frac{5}{8}''$	.453 lbs.
$\frac{3}{16}'' \times \frac{3}{4}''$	.543 lbs.
$\frac{3}{16}'' \times \frac{7}{8}''$	.634 lbs.
$\frac{3}{16}'' \times 1''$	.725 lbs.
$\frac{3}{16}'' \times 1\frac{1}{8}''$	.815 lbs.
$\frac{3}{16}'' \times 1\frac{1}{4}''$	.906 lbs.
$\frac{3}{16}'' \times 1\frac{1}{2}''$	1.087 lbs.
$\frac{3}{16}'' \times 1\frac{3}{4}''$	1.268 lbs.
$\frac{3}{16}'' \times 2''$	1.449 lbs.
$\frac{3}{16}'' \times 2\frac{1}{2}''$	1.811 lbs.
$\frac{3}{16}'' \times 3''$	2.174 lbs.

(Continued on page 73)

HARD DRAWN BUS BAR COPPER
(Rectangular Copper Rod) 10 to 12 Feet Long
(Continued from page 72)

Dimensions	Weight Per Lineal Foot
$\frac{1}{4}'' \times \frac{1}{2}''$	.483 lbs.
$\frac{1}{4}'' \times \frac{5}{8}''$	.604 lbs.
$\frac{1}{4}'' \times \frac{3}{4}''$	.725 lbs.
$\frac{1}{4}'' \times \frac{7}{8}''$	.845 lbs.
$\frac{1}{4}'' \times 1''$	.966 lbs.
$\frac{1}{4}'' \times 1\frac{1}{8}''$	1.086 lbs.
$\frac{1}{4}'' \times 1\frac{1}{4}''$	1.208 lbs.
$\frac{1}{4}'' \times 1\frac{1}{2}''$	1.449 lbs.
$\frac{1}{4}'' \times 1\frac{3}{4}''$	1.691 lbs.
$\frac{1}{4}'' \times 2''$	1.932 lbs.
$\frac{1}{4}'' \times 2\frac{1}{4}''$	2.174 lbs.
$\frac{1}{4}'' \times 2\frac{1}{2}''$	2.415 lbs.
$\frac{1}{4}'' \times 3''$	2.898 lbs.
$\frac{1}{4}'' \times 3\frac{1}{2}''$	3.381 lbs.
$\frac{1}{4}'' \times 4''$	3.864 lbs.
$\frac{1}{4}'' \times 5''$	4.830 lbs.
$\frac{1}{4}'' \times 6''$	5.796 lbs.
$\frac{5}{16}'' \times \frac{3}{4}''$	.906 lbs.
$\frac{5}{16}'' \times 1''$	1.208 lbs.
$\frac{5}{16}'' \times 1\frac{1}{4}''$	1.509 lbs.
$\frac{5}{16}'' \times 1\frac{1}{2}''$	1.812 lbs.
$\frac{5}{16}'' \times 2''$	2.415 lbs.
$\frac{3}{8}'' \times \frac{3}{4}''$	1.087 lbs.
$\frac{3}{8}'' \times 1''$	1.449 lbs.
$\frac{3}{8}'' \times 1\frac{1}{4}''$	1.811 lbs.
$\frac{3}{8}'' \times 1\frac{1}{2}''$	2.174 lbs.
$\frac{3}{8}'' \times 2''$	2.898 lbs.
$\frac{3}{8}'' \times 2\frac{1}{2}''$	3.623 lbs.
$\frac{3}{8}'' \times 3''$	4.347 lbs.
$\frac{3}{8}'' \times 4''$	5.796 lbs.
$\frac{1}{2}'' \times \frac{3}{4}''$	1.449 lbs.
$\frac{1}{2}'' \times 1''$	1.932 lbs.
$\frac{1}{2}'' \times 1\frac{1}{2}''$	2.898 lbs.
$\frac{1}{2}'' \times 2''$	3.864 lbs.
$\frac{1}{2}'' \times 3''$	5.796 lbs.
$\frac{1}{2}'' \times 4''$	7.728 lbs.
$\frac{3}{4}'' \times 1\frac{1}{2}''$	4.347 lbs.
$\frac{3}{4}'' \times 2''$	5.796 lbs.

WIRE

TUBES

SHAPES

ACCESSORIES

DATA

ROUND PHOSPHOR BRONZE ROD
Free Turning **10 to 12 Foot Lengths**

Diameter	Weight Per Lineal Foot
$\frac{1}{8}''$	.047 lbs.
$\frac{3}{16}''$	.106 lbs.
$\frac{1}{4}''$	.188 lbs.
$\frac{9}{32}''$	.238 lbs.
$\frac{5}{16}''$	.294 lbs.
$\frac{3}{8}''$	.424 lbs.
$\frac{7}{16}''$	.577 lbs.
$\frac{1}{2}''$	.755 lbs.
$\frac{9}{16}''$	.955 lbs.
$\frac{5}{8}''$	1.178 lbs.
$\frac{3}{4}''$	1.696 lbs.
$\frac{7}{8}''$	2.309 lbs.
1"	3.016 lbs.
$1\frac{1}{8}''$	3.817 lbs.
$1\frac{1}{4}''$	4.712 lbs.
$1\frac{1}{2}''$	6.786 lbs.
2"	12.080 lbs.

Our direct wires to the mills and our teletype system, enable us to give you prompt service on your Stock and Mill Orders.

ROUND NICKEL SILVER ROD

Free Turning

10 to 12 Foot Lengths

Diameter	Weight Per Lineal Foot
$\frac{1}{8}''$	.047 lbs.
$\frac{5}{32}''$	.073 lbs.
$\frac{3}{16}''$	.105 lbs.
$\frac{7}{32}''$	.143 lbs.
$\frac{1}{4}''$	.186 lbs.
$\frac{9}{32}''$	.236 lbs.
$\frac{5}{16}''$	.291 lbs.
$\frac{3}{8}''$	.419 lbs.
$\frac{7}{16}''$	.570 lbs.
$\frac{1}{2}''$	.745 lbs.
$\frac{5}{8}''$	1.163 lbs.
$\frac{3}{4}''$	1.675 lbs.
$\frac{7}{8}''$	2.280 lbs.
1"	2.978 lbs.

WIRE

TUBES

SHAPES

ACCESSORIES

DATA

Our modern Gang Slitting Department and cutting facilities enable us to give you prompt service on your slit material. This will avoid long delays from the mill. Write or phone for special prices on material cut to size.

SHEETS

RODS

T. E. Conklin Brass & Copper Co.

Inc.

ESTABLISHED 1860



T. E. Conklin Brass & Copper Co., Inc.

ESTABLISHED 1860

WIRE

VARIOUS SHAPES AND TEMPERS

BRASS

COMMERCIAL BRONZE

LOW BRASS

COPPER

PHOSPHOR BRONZE

NICKEL SILVER

WIRE

TUBES

SHAPES

ACCESSORIES

DATA

Estimates on your special requirements of Brass and Copper Products furnished on receipt of specifications.



IN STOCK — FOR IMMEDIATE SHIPMENT

SHEETS

RODS

WIRE

T. E. Conklin Brass & Copper Co., Inc.

ESTABLISHED 1860

WIRE

VARIOUS SHAPES AND TEMPERS

BRASS

COMMERCIAL BRONZE

LOW BRASS

COPPER

PHOSPHOR BRONZE

NICKEL SILVER

Estimates on your special requirements of Brass and Copper Products furnished on receipt of specifications.



IN STOCK — FOR IMMEDIATE SHIPMENT

HALF HARD BRASS WIRE
STUBS GAUGE
In Mill Coils

Thickness, Stubs Gauge	Weight Per 1000 Lineal Feet	
3 (.259")	198	lbs.
4 (.238")	164	lbs.
5 (.220")	140	lbs.
6 (.203")	120	lbs.
7 (.180")	94	lbs.
8 (.165")	79	lbs.
9 (.148")	64	lbs.
10 (.134")	52	lbs.
11 (.120")	42	lbs.
12 (.109")	35	lbs.
13 (.095")	26	lbs.
14 (.083")	20	lbs.
15 (.072")	15	lbs.
16 (.065")	13	lbs.
17 (.058")	10	lbs.
18 (.049")	7	lbs.
19 (.042")	5	lbs.
20 (.035")	3½	lbs.
21 (.032")	3	lbs.
22 (.028")	2½	lbs.
23 (.025")	2	lbs.
24 (.022")	1½	lbs.

When ordering wire, kindly stipulate gauge, whether B. & S. or Stubs, or submit sample. Errors may be avoided by specifying the thickness in decimals of an inch.

TUBES

SHAPES

ACCESSORIES

DATA

HALF HARD BRASS WIRE

B. & S. GAUGE

In Mill Coils

Thickness, B. & S. Gauge	Weight Per 1000 Lineal Feet	
2 (.258")	191	lbs.
4 (.204")	121	lbs.
5 (.181")	95	lbs.
6 (.162")	76	lbs.
8 (.128")	48	lbs.
12 (.081")	19	lbs.
13 (.072")	15	lbs.
14 (.064")	12	lbs.
15 (.057")	9½	lbs.
16 (.050")	7½	lbs.
18 (.040")	4¾	lbs.
19 (.035")	3½	lbs.
20 (.032")	3	lbs.
21 (.028")	2½	lbs.
22 (.025")	2	lbs.
23 (.022")	1½	lbs.

When ordering wire, kindly stipulate gauge, whether B. & S. or Stubs, or submit sample. Errors may be avoided by specifying the thickness in decimals of an inch.

SOFT BRASS WIRE
STUBS GAUGE
In Mill Coils

Thickness, Stubs Gauge	Weight Per 1000 Lineal Feet	
3 (.259")	198	lbs.
4 (.238")	164	lbs.
5 (.220")	140	lbs.
6 (.203")	120	lbs.
7 (.180")	94	lbs.
8 (.165")	79	lbs.
9 (.148")	64	lbs.
10 (.134")	52	lbs.
11 (.120")	42	lbs.
12 (.109")	35	lbs.
13 (.095")	26	lbs.
14 (.083")	20	lbs.
15 (.072")	15	lbs.
16 (.065")	13	lbs.
17 (.058")	10	lbs.
18 (.049")	7	lbs.
19 (.042")	5	lbs.
20 (.035")	3½	lbs.
21 (.032")	3	lbs.
22 (.028")	2½	lbs.
23 (.025")	2	lbs.
24 (.022")	1½	lbs.
25 (.020")	1¼	lbs.
26 (.018")	1	lbs.
28 (.014")	½	lb.

When ordering wire, kindly stipulate gauge, whether B. & S. or Stubs, or submit sample. Errors may be avoided by specifying the thickness in decimals of an inch.

TUBES

SHAPES

ACCESSORIES

DATA

SOFT BRASS WIRE

B. & S. GAUGE

In Mill Coils

Thickness, B. & S. Gauge	Weight Per 1000 Lineal Feet	
2 (.258")	191	lbs.
4 (.204")	121	lbs.
5 (.181")	95	lbs.
6 (.162")	76	lbs.
8 (.128")	48	lbs.
12 (.081")	19	lbs.
13 (.072")	15	lbs.
14 (.064")	12	lbs.
15 (.057")	9½	lbs.
16 (.050")	7½	lbs.
18 (.040")	4¾	lbs.
19 (.035")	3½	lbs.
20 (.032")	3	lbs.
21 (.028")	2½	lbs.
22 (.025")	2	lbs.
23 (.022")	1½	lbs.
24 (.020")	1¼	lbs.
25 (.018")	1	lb.
27 (.014")	½	lb.

When ordering wire, kindly stipulate gauge, whether B. & S. or Stubs, or submit sample. Errors may be avoided by specifying the thickness in decimals of an inch.

SPRING BRASS WIRE
STUBS GAUGE
In Mill Coils

Thickness, Stubs Gauge	Weight Per 1000 Lineal Feet	
1/4" (.250")	182	lbs.
7 (.180")	94	lbs.
8 (.165")	79	lbs.
9 (.148")	64	lbs.
10 (.134")	52	lbs.
11 (.120")	42	lbs.
12 (.109")	35	lbs.
13 (.095")	26	lbs.
14 (.083")	20	lbs.
15 (.072")	15	lbs.
16 (.065")	13	lbs.
17 (.058")	10	lbs.
18 (.049")	7	lbs.
19 (.042")	5	lbs.
20 (.035")	3 1/2	lbs.
21 (.032")	3	lbs.
22 (.028")	2 1/2	lbs.
23 (.025")	2	lbs.
24 (.022")	1 1/2	lbs.
25 (.020")	1 1/4	lbs.
26 (.018")	1	lb.

TUBES

SHAPES

ACCESSORIES

DATA

When ordering wire, kindly stipulate gauge, whether B. & S. or Stubs, or submit sample. Errors may be avoided by specifying the thickness in decimals of an inch.

T. E. Conklin Brass & Copper Co.
Inc.
ESTABLISHED 1860

SPRING BRASS WIRE
B. & S. GAUGE
In Mill Coils

Thickness, B. & S. Gauge	Weight Per 1000 Lineal Feet	
$\frac{1}{4}$ " (.250")	182	lbs.
5 (.181")	95	lbs.
6 (.162")	76	lbs.
8 (.128")	48	lbs.
12 (.081")	19	lbs.
13 (.072")	15	lbs.
14 (.064")	12	lbs.
15 (.057")	9½	lbs.
16 (.050")	7½	lbs.
18 (.040")	4¾	lbs.
19 (.035")	3½	lbs.
20 (.032")	3	lbs.
21 (.028")	2½	lbs.
22 (.025")	2	lbs.
23 (.022")	1½	lbs.
24 (.020")	1¼	lbs.
25 (.018")	1	lb.

When ordering wire, kindly stipulate gauge, whether B. & S. or Stubs, or submit sample. Errors may be avoided by specifying the thickness in decimals of an inch.

**HALF HARD, FLAT, ROUND EDGE
BRASS WIRE**
In Mill Coils

Dimensions	Weight Per 1000 Lineal Feet
$\frac{1}{16}'' \times \frac{3}{16}''$	44 lbs.
$\frac{1}{16}'' \times \frac{1}{4}''$	58 lbs.
$\frac{1}{16}'' \times \frac{5}{16}''$	73 lbs.
$\frac{1}{16}'' \times \frac{3}{8}''$	88 lbs.

SOFT, HALF ROUND, BRASS WIRE
In Mill Coils

Dimensions	Weight Per 1000 Lineal Feet
$\frac{1}{8}'' \times \frac{1}{16}''$	22 lbs.
$\frac{3}{16}'' \times \frac{3}{32}''$	50 lbs.

SOFT, SQUARE, BRASS WIRE
In Mill Coils

Size	Weight Per 1000 Lineal Feet
$\frac{1}{8}''$	58 lbs.

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Established in 1860
our Guiding Policy then
now and for the future
was, is, and will be
S E R V I C E !

T. E. Conklin Brass & Copper Co.
Inc.
ESTABLISHED 1860

COMMERCIAL BRONZE WIRE
Round, Half Hard In Mill Coils

Thickness, Stubs Gauge	Weight Per 1000 Lineal Feet
10 (.134")	54 lbs.
11 (.120")	44 lbs.
12 (.109")	36 lbs.

COMMERCIAL BRONZE WIRE
Square, Half Hard In Mill Coils

Size	Weight Per 1000 Lineal Feet
$\frac{1}{8}$ "	60 lbs.

COMMERCIAL BRONZE WIRE
Flat, Half Hard, Round Edge In Mill Coils

Dimensions	Weight Per 1000 Lineal Feet
$\frac{1}{16}$ " x $\frac{1}{4}$ "	60 lbs.
$\frac{1}{16}$ " x $\frac{3}{8}$ "	90 lbs.

Our direct wires to the mills and our teletype system, enable us to give you prompt service on your Stock and Mill Orders.

SOFT LOW BRASS WIRE
In Mill Coils

Thickness, Stubs Gauge	Weight Per 1000 Lineal Feet	
8 (.165")	80	lbs.
9 (.148")	65	lbs.
10 (.134")	53	lbs.
11 (.120")	43	lbs.
12 (.109")	36	lbs.
13 (.095")	27	lbs.
14 (.083")	21	lbs.
15 (.072")	16	lbs.
16 (.065")	13	lbs.
17 (.058")	10½	lbs.
18 (.049")	8	lbs.
20 (.035")	4	lbs.

When ordering wire, kindly stipulate gauge, whether B. & S. or Stubs, or submit sample. Errors may be avoided by specifying the thickness in decimals of an inch.

TUBES

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SOFT COPPER WIRE
STUBS GAUGE
In Mill Coils

Thickness, Stubs Gauge	Weight Per 1000 Lineal Feet	
$\frac{1}{4}$ " (.250")	190	lbs.
$\frac{3}{16}$ " (.187")	106	lbs.
8 (.165")	81	lbs.
9 (.148")	67	lbs.
10 (.134")	54½	lbs.
11 (.120")	44	lbs.
12 (.109")	36	lbs.
13 (.095")	27½	lbs.
14 (.083")	21	lbs.
15 (.072")	15¾	lbs.
16 (.065")	13	lbs.
17 (.058")	10¼	lbs.
18 (.049")	7¼	lbs.
19 (.042")	5½	lbs.
20 (.035")	4	lbs.
21 (.032")	3¼	lbs.
22 (.028")	2½	lbs.
23 (.025")	2	lbs.
24 (.022")	1½	lbs.
25 (.020")	1¼	lbs.
26 (.018")	1	lb.

HALF HARD COPPER WIRE
STUBS GAUGE
In Mill Coils

Thickness, Stubs Gauge	Weight Per 1000 Lineal Feet
11 (.120")	44 lbs.
12 (.109")	36 lbs.
14 (.083")	21 lbs.
16 (.065")	13 lbs.

SOFT COPPER WIRE
B. & S. GAUGE
In Mill Coils

Thickness, B. & S. Gauge	Weight Per 1000 Lineal Feet	
$\frac{1}{4}$ " (.250")	190	lbs.
$\frac{3}{16}$ " (.187")	106	lbs.
6 (.162")	80	lbs.
8 (.128")	50	lbs.
12 (.081")	20	lbs.
13 (.072")	15 $\frac{3}{4}$	lbs.
14 (.064")	12 $\frac{1}{2}$	lbs.
15 (.057")	10	lbs.
16 (.050")	8	lbs.
18 (.040")	5	lbs.
19 (.035")	4	lbs.
20 (.032")	3 $\frac{1}{4}$	lbs.
21 (.028")	2 $\frac{1}{2}$	lbs.
22 (.025")	2	lbs.
23 (.022")	1 $\frac{1}{2}$	lbs.
24 (.020")	1 $\frac{1}{4}$	lbs.
25 (.018")	1	lb.

When ordering wire, kindly stipulate gauge, whether B. & S. or Stubs, or submit sample. Errors may be avoided by specifying the thickness in decimals of an inch.

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**SPRING PHOSPHOR BRONZE WIRE
STUBS GAUGE
In Mill Coils**

Thickness, Stubs Gauge	Weight Per 1000 Lineal Feet
8 (.165")	80½ lbs.
9 (.148")	66¼ lbs.
10 (.134")	54¼ lbs.
11 (.120")	43½ lbs.
12 (.109")	36 lbs.
13 (.095")	27¼ lbs.
14 (.083")	21 lbs.
15 (.072")	15¾ lbs.
16 (.065")	13 lbs.
17 (.058")	10 lbs.
18 (.049")	7¼ lbs.
19 (.042")	5½ lbs.
20 (.035")	3¾ lbs.
21 (.032")	3 lbs.
22 (.028")	2½ lbs.
23 (.025")	2 lbs.
24 (.022")	1½ lbs.
25 (.020")	1¼ lbs.
26 (.018")	1 lb.

**SPRING PHOSPHOR BRONZE WIRE
STUBS GAUGE
On 1-Lb. Spools**

Thickness, Stubs Gauge	Weight Per 1000 Lineal Feet
21 (.032")	3 lbs.
22 (.028")	2½ lbs.
23 (.025")	2 lbs.
24 (.022")	1½ lbs.
25 (.020")	1¼ lbs.
26 (.018")	1 lb.
27 (.016")	.80 lb.
28 (.014")	.60 lb.
30 (.012")	.44 lb.

SPRING PHOSPHOR BRONZE WIRE

B. & S. Gauge

In Mill Coils

Thickness, B. & S. Gauge	Weight Per 1000 Lineal Feet
6 (.162")	79½ lbs.
7 (.144")	63 lbs.
8 (.128")	50 lbs.
9 (.114")	39¾ lbs.
10 (.101")	31½ lbs.
11 (.090")	25 lbs.
12 (.081")	19¾ lbs.
13 (.072")	15½ lbs.
14 (.064")	12½ lbs.
15 (.057")	10 lbs.
16 (.050")	8 lbs.
18 (.040")	5 lbs.
19 (.035")	3¾ lbs.
20 (.032")	3 lbs.
21 (.028")	2½ lbs.
22 (.025")	2 lbs.
23 (.022")	1½ lbs.
24 (.020")	1¼ lbs.
25 (.018")	1 lb.

TUBES

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HALF HARD 18% NICKEL SILVER WIRE
STUBS GAUGE
In Mill Coils

Thickness, Stubs Gauge	Weight Per 1000 Lineal Feet
10 (.134")	53 lbs.
11 (.120")	43 lbs.
12 (.109")	35½ lbs.
13 (.095")	26¾ lbs.
14 (.083")	20¾ lbs.
15 (.072")	15½ lbs.
16 (.065")	13 lbs.
17 (.058")	10 lbs.
18 (.049")	7 lbs.

SHEETS

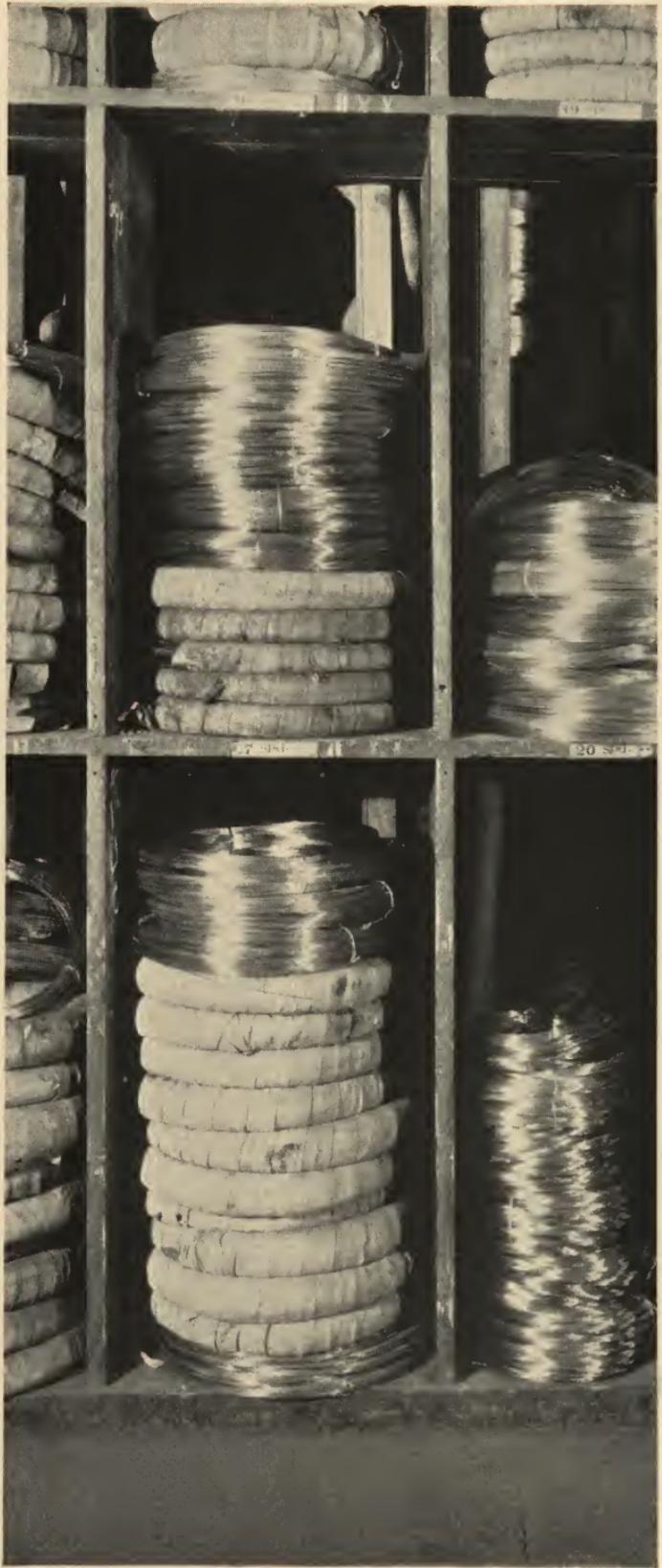
RODS

WIRE

T. E. Conklin Brass & Copper Co.

Inc.

ESTABLISHED 1860



T. E. Conklin Brass & Copper Co., Inc.

ESTABLISHED 1860

TUBES

PLAIN AND FANCY PATTERNS
VARIOUS SHAPES AND SIZES

BRASS

COMMERCIAL BRONZE

RICH LOW BRASS

COPPER

PIPE

STANDARD AND EXTRA HEAVY
I. P. S. SIZES

BRASS

RED BRASS

COPPER

EVERDUR

TUBES

SHAPES

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COPPER WATER TUBING



IN STOCK — FOR IMMEDIATE SHIPMENT

SHEETS

RODS

WIRE

TUBES

T. E. Conklin Brass & Copper Co., Inc.

ESTABLISHED 1860

TUBES

PLAIN AND FANCY PATTERNS
VARIOUS SHAPES AND SIZES

BRASS

COMMERCIAL BRONZE

RICH LOW BRASS

COPPER

PIPE

STANDARD AND EXTRA HEAVY
I. P. S. SIZES

BRASS

RED BRASS

COPPER

EVERDUR

COPPER WATER TUBING



IN STOCK — FOR IMMEDIATE SHIPMENT

HARD ROUND BRASS TUBE
12 to 16-Foot Lengths

Size	Wall Thickness	Nearest Gauge	Weight Per Lineal Foot
$\frac{1}{8}''$	.032"	20 B. & S.	.034 lbs.
$\frac{1}{8}''$	.032"	21 Stubs	.034 lbs.
$\frac{1}{8}''$	.020"	24 B. & S.	.024 lbs.
$\frac{1}{8}''$	.020"	25 Stubs	.024 lbs.
$\frac{1}{8}''$	.012"	28 B. & S.	.016 lbs.
$\frac{1}{8}''$	.012"	30 Stubs	.016 lbs.
$\frac{5}{32}''$	.032"	20 B. & S.	.046 lbs.
$\frac{5}{32}''$	.032"	21 Stubs	.046 lbs.
$\frac{5}{32}''$	.022"	23 B. & S.	.034 lbs.
$\frac{5}{32}''$	.022"	24 Stubs	.034 lbs.
$\frac{3}{16}''$	.032"	20 B. & S.	.058 lbs.
$\frac{3}{16}''$	.032"	21 Stubs	.058 lbs.
$\frac{3}{16}''$	.022"	23 B. & S.	.042 lbs.
$\frac{3}{16}''$	.022"	24 Stubs	.042 lbs.
$\frac{7}{32}''$	.032"	20 B. & S.	.069 lbs.
$\frac{7}{32}''$	.032"	21 Stubs	.069 lbs.
$\frac{7}{32}''$	.022"	23 B. & S.	.050 lbs.
$\frac{7}{32}''$	.022"	24 Stubs	.050 lbs.
$\frac{1}{4}''$	.065"	16 Stubs	.139 lbs.
$\frac{1}{4}''$	.064"	14 B. & S.	.138 lbs.
$\frac{1}{4}''$	.0625"	$\frac{1}{16}''$	.136 lbs.
$\frac{1}{4}''$	.042"	19 Stubs	.101 lbs.
$\frac{1}{4}''$	.040"	18 B. & S.	.099 lbs.
$\frac{1}{4}''$	.032"	20 B. & S.	.081 lbs.
$\frac{1}{4}''$	.032"	21 Stubs	.081 lbs.
$\frac{1}{4}''$	.025"	22 B. & S.	.065 lbs.
$\frac{1}{4}''$	.025"	23 Stubs	.065 lbs.
$\frac{9}{32}''$	.042"	19 Stubs	.116 lbs.
$\frac{9}{32}''$	.040"	18 B. & S.	.114 lbs.
$\frac{5}{16}''$	.042"	19 Stubs	.131 lbs.
$\frac{5}{16}''$	.040"	18 B. & S.	.129 lbs.
$\frac{5}{16}''$	.032"	20 B. & S.	.104 lbs.
$\frac{5}{16}''$	.032"	21 Stubs	.104 lbs.
$\frac{5}{16}''$.025"	22 B. & S.	.083 lbs.
$\frac{5}{16}''$.025"	23 Stubs	.083 lbs.
$\frac{3}{8}''$.058"	17 Stubs	.213 lbs.
$\frac{3}{8}''$.057"	15 B. & S.	.212 lbs.

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HARD ROUND BRASS TUBE

12 to 16-Foot Lengths

(Continued from page 91)

Size	Wall Thickness	Nearest Gauge	Weight Per Lineal Foot
$\frac{3}{8}''$	.045"	17 B. & S.	.174 lbs.
$\frac{3}{8}''$	.042"	19 Stubs	.162 lbs.
$\frac{3}{8}''$	.040"	18 B. & S.	.160 lbs.
$\frac{3}{8}''$	.028"	21 B. & S.	.112 lbs.
$\frac{3}{8}''$	.028"	22 Stubs	.112 lbs.
$\frac{3}{8}''$	.020"	24 B. & S.	.082 lbs.
$\frac{3}{8}''$	.020"	25 Stubs	.082 lbs.
$\frac{25}{64}''$	.050"	16 B. & S.	.187 lbs.
$\frac{25}{64}''$	.049"	18 Stubs	.186 lbs.
$\frac{25}{64}''$	.042"	19 Stubs	.165 lbs.
$\frac{25}{64}''$	.040"	18 B. & S.	.163 lbs.
$\frac{7}{16}''$	.065"	16 Stubs	.280 lbs.
$\frac{7}{16}''$	.064"	14 B. & S.	.279 lbs.
$\frac{7}{16}''$	.042"	19 Stubs	.192 lbs.
$\frac{7}{16}''$	.040"	18 B. & S.	.190 lbs.
$\frac{7}{16}''$	.028"	21 B. & S.	.133 lbs.
$\frac{7}{16}''$	.028"	22 Stubs	.133 lbs.
$\frac{7}{16}''$	.020"	24 B. & S.	.097 lbs.
$\frac{7}{16}''$	.020"	25 Stubs	.097 lbs.
$\frac{1}{2}''$	.065"	16 Stubs	.327 lbs.
$\frac{1}{2}''$	.064"	14 B. & S.	.326 lbs.
$\frac{1}{2}''$	.050"	16 B. & S.	.258 lbs.
$\frac{1}{2}''$	.049"	18 Stubs	.257 lbs.
$\frac{1}{2}''$	.042"	19 Stubs	.223 lbs.
$\frac{1}{2}''$	.040"	18 B. & S.	.221 lbs.
$\frac{1}{2}''$	.032"	20 B. & S.	.173 lbs.
$\frac{1}{2}''$	.032"	21 Stubs	.173 lbs.
$\frac{1}{2}''$	.025"	22 B. & S.	.137 lbs.
$\frac{1}{2}''$	.025"	23 Stubs	.137 lbs.
$\frac{1}{2}''$	.020"	24 B. & S.	.111 lbs.
$\frac{1}{2}''$	.020"	25 Stubs	.111 lbs.
$\frac{9}{16}''$	.050"	16 B. & S.	.293 lbs.
$\frac{9}{16}''$	.049"	18 Stubs	.292 lbs.
$\frac{9}{16}''$	.042"	19 Stubs	.253 lbs.
$\frac{9}{16}''$	.040"	18 B. & S.	.252 lbs.
$\frac{9}{16}''$	.028"	21 B. & S.	.173 lbs.
$\frac{9}{16}''$	.028"	22 Stubs	.173 lbs.

(Continued on page 93)

HARD ROUND BRASS TUBE

12 to 16-Foot Lengths

(Continued from page 92)

Size	Wall Thickness	Nearest Gauge	Weight Per Lineal Foot
9/16"	.020"	24 B. & S.	.126 lbs.
9/16"	.020"	25 Stubs	.126 lbs.
5/8"	.065"	16 Stubs	.421 lbs.
5/8"	.064"	14 B. & S.	.420 lbs.
5/8"	.050"	16 B. & S.	.329 lbs.
5/8"	.049"	18 Stubs	.328 lbs.
5/8"	.042"	19 Stubs	.283 lbs.
5/8"	.040"	18 B. & S.	.281 lbs.
5/8"	.032"	20 B. & S.	.220 lbs.
5/8"	.032"	21 Stubs	.220 lbs.
5/8"	.025"	22 B. & S.	.174 lbs.
5/8"	.025"	23 Stubs	.174 lbs.
5/8"	.020"	24 B. & S.	.140 lbs.
5/8"	.020"	25 Stubs	.140 lbs.
11/16"	.042"	19 Stubs	.314 lbs.
11/16"	.040"	18 B. & S.	.312 lbs.
11/16"	.028"	21 B. & S.	.214 lbs.
11/16"	.028"	22 Stubs	.214 lbs.
3/4"	.065"	16 Stubs	.515 lbs.
3/4"	.064"	14 B. & S.	.514 lbs.
3/4"	.058"	17 Stubs	.465 lbs.
3/4"	.057"	15 B. & S.	.464 lbs.
3/4"	.050"	16 B. & S.	.400 lbs.
3/4"	.049"	18 Stubs	.399 lbs.
3/4"	.042"	19 Stubs	.344 lbs.
3/4"	.040"	18 B. & S.	.342 lbs.
3/4"	.032"	20 B. & S.	.266 lbs.
3/4"	.032"	21 Stubs	.266 lbs.
3/4"	.025"	22 B. & S.	.210 lbs.
3/4"	.025"	23 Stubs	.210 lbs.
3/4"	.020"	24 B. & S.	.169 lbs.
3/4"	.020"	25 Stubs	.169 lbs.
13/16"	.028"	21 B. & S.	.254 lbs.
13/16"	.028"	22 Stubs	.254 lbs.
7/8"	.065"	16 Stubs	.609 lbs.
7/8"	.064"	14 B. & S.	.608 lbs.

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HARD ROUND BRASS TUBE

12 to 16-Foot Lengths

(Continued from page 93)

Size	Wall Thickness	Nearest Gauge	Weight Per Lineal Foot
$\frac{7}{8}''$	.058"	17 Stubs	.548 lbs.
$\frac{7}{8}''$	.057"	15 B. & S.	.547 lbs.
$\frac{7}{8}''$	.050"	16 B. & S.	.470 lbs.
$\frac{7}{8}''$	.049"	18 Stubs	.469 lbs.
$\frac{7}{8}''$	.042"	19 Stubs	.405 lbs.
$\frac{7}{8}''$	.040"	18 B. & S.	.403 lbs.
$\frac{7}{8}''$	.032"	20 B. & S.	.312 lbs.
$\frac{7}{8}''$	.032"	21 Stubs	.312 lbs.
$\frac{7}{8}''$	.025"	22 B. & S.	.246 lbs.
$\frac{7}{8}''$	.025"	23 Stubs	.246 lbs.
$\frac{7}{8}''$	.020"	24 B. & S.	.198 lbs.
$\frac{7}{8}''$	.020"	25 Stubs	.198 lbs.
$1\frac{5}{16}''$	.065"	16 Stubs	.656 lbs.
$1\frac{5}{16}''$	.064"	14 B. & S.	.655 lbs.
$1\frac{5}{16}''$	.042"	19 Stubs	.435 lbs.
$1\frac{5}{16}''$	.040"	18 B. & S.	.433 lbs.
1"	.065"	16 Stubs	.703 lbs.
1"	.064"	14 B. & S.	.702 lbs.
1"	.050"	16 B. & S.	.540 lbs.
1"	.049"	18 Stubs	.539 lbs.
1"	.042"	19 Stubs	.466 lbs.
1"	.040"	18 B. & S.	.464 lbs.
1"	.032"	20 B. & S.	.359 lbs.
1"	.032"	21 Stubs	.359 lbs.
1"	.025"	22 B. & S.	.282 lbs.
1"	.025"	23 Stubs	.282 lbs.
$1\frac{1}{16}''$	.042"	19 Stubs	.472 lbs.
$1\frac{1}{16}''$	.040"	18 B. & S.	.468 lbs.
$1\frac{1}{8}''$	.065"	16 Stubs	.797 lbs.
$1\frac{1}{8}''$	.064"	14 B. & S.	.795 lbs.
$1\frac{1}{8}''$	.058"	17 Stubs	.716 lbs.
$1\frac{1}{8}''$	.057"	15 B. & S.	.714 lbs.
$1\frac{1}{8}''$	.042"	19 Stubs	.477 lbs.
$1\frac{1}{8}''$	.040"	18 B. & S.	.473 lbs.
$1\frac{1}{8}''$	.025"	22 B. & S.	.318 lbs.
$1\frac{1}{8}''$	.025"	23 Stubs	.318 lbs.

(Continued on page 95)

HARD ROUND BRASS TUBE

12 to 16-Foot Lengths

(Continued from page 94)

Size	Wall Thickness	Nearest Gauge	Weight Per Lineal Foot
1 1/4"	.072"	13 B. & S.	.982 lbs.
1 1/4"	.072"	15 Stubs	.982 lbs.
1 1/4"	.042"	19 Stubs	.587 lbs.
1 1/4"	.040"	18 B. & S.	.583 lbs.
1 1/4"	.032"	20 B. & S.	.451 lbs.
1 1/4"	.032"	21 Stubs	.451 lbs.
1 1/4"	.025"	22 B. & S.	.354 lbs.
1 1/4"	.025"	23 Stubs	.354 lbs.
1 3/8"	.083"	14 Stubs	1.240 lbs.
1 3/8"	.081"	12 B. & S.	1.236 lbs.
1 3/8"	.050"	16 B. & S.	.754 lbs.
1 3/8"	.049"	18 Stubs	.752 lbs.
1 3/8"	.032"	20 B. & S.	.498 lbs.
1 3/8"	.032"	21 Stubs	.498 lbs.
1 1/2"	.083"	14 Stubs	1.360 lbs.
1 1/2"	.081"	12 B. & S.	1.356 lbs.
1 1/2"	.065"	16 Stubs	1.080 lbs.
1 1/2"	.064"	14 B. & S.	1.078 lbs.
1 1/2"	.050"	16 B. & S.	.825 lbs.
1 1/2"	.049"	18 Stubs	.823 lbs.
1 1/2"	.042"	19 Stubs	.709 lbs.
1 1/2"	.040"	18 B. & S.	.705 lbs.
1 1/2"	.032"	20 B. & S.	.544 lbs.
1 1/2"	.032"	21 Stubs	.544 lbs.
1 1/2"	.025"	22 B. & S.	.427 lbs.
1 1/2"	.025"	23 Stubs	.427 lbs.
1 5/8"	.083"	14 Stubs	1.480 lbs.
1 5/8"	.081"	12 B. & S.	1.476 lbs.
1 5/8"	.045"	17 B. & S.	.830 lbs.
1 3/4"	.095"	13 Stubs	1.820 lbs.
1 3/4"	.045"	17 B. & S.	.898 lbs.
1 3/4"	.032"	20 B. & S.	.636 lbs.
1 3/4"	.032"	21 Stubs	.636 lbs.
2"	.095"	13 Stubs	2.090 lbs.
2"	.058"	17 Stubs	1.300 lbs.
2"	.057"	15 B. & S.	1.298 lbs.

(Continued on page 96)

HARD ROUND BRASS TUBE

12 to 16-Foot Lengths

(Continued from page 95)

Size	Wall Thickness	Nearest Gauge	Weight Per Lineal Foot
2"	.050"	16 B. & S.	1.113 lbs.
2"	.049"	18 Stubs	1.111 lbs.
2"	.045"	17 B. & S.	1.031 lbs.
2"	.032"	20 B. & S.	.729 lbs.
2"	.032"	21 Stubs	.729 lbs.
2½"	.065"	16 Stubs	1.550 lbs.
2½"	.064"	14 B. & S.	1.547 lbs.
2¼"	.109"	12 Stubs	2.700 lbs.
2¼"	.065"	16 Stubs	1.640 lbs.
2¼"	.064"	14 B. & S.	1.639 lbs.
2½"	.109"	12 Stubs	3.020 lbs.
2½"	.058"	17 Stubs	1.640 lbs.
2½"	.057"	15 B. & S.	1.637 lbs.
2½"	.042"	19 Stubs	1.190 lbs.
2½"	.040"	18 B. & S.	1.184 lbs.
2¾"	.065"	16 Stubs	2.020 lbs.
2¾"	.064"	14 B. & S.	2.019 lbs.
3"	.120"	11 Stubs	4.000 lbs.
3"	.065"	16 Stubs	2.210 lbs.
3"	.064"	14 B. & S.	2.207 lbs.
3½"	.128"	8 B. & S.	4.950 lbs.
4"	.128"	8 B. & S.	5.700 lbs.
4½"	.134"	10 Stubs	6.770 lbs.
5"	.134"	10 Stubs	7.550 lbs.
6"	.134"	10 Stubs	9.100 lbs.

Our modern Gang Slitting Department and cutting facilities enable us to give you prompt service on your slit material. This will avoid long delays from the mill. Write or phone for special prices on material cut to size.

HARD ROUND BRASS TUBE
3-Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{1}{16}''$	26 (.0159")	.0086 lbs.
$\frac{5}{64}''$	26 (.0159")	.0115 lbs.
$\frac{3}{32}''$	26 (.0159")	.0144 lbs.
$\frac{7}{64}''$	26 (.0159")	.0173 lbs.

SOFT ROUND BRASS TUBE
12 to 14-Foot Lengths

Size	Wall Thickness	Nearest Gauge	Weight Per Lineal Foot
$\frac{1}{4}''$	.040"	18 B. & S.	.099 lbs.
$\frac{5}{16}''$	.040"	18 B. & S.	.129 lbs.
$\frac{5}{16}''$	.035"	19 B. & S.	.112 lbs.
$\frac{3}{8}''$	.050"	16 B. & S.	.187 lbs.
$\frac{3}{8}''$	.040"	18 B. & S.	.160 lbs.
$\frac{7}{16}''$	.050"	16 B. & S.	.222 lbs.
$\frac{7}{16}''$	.040"	18 B. & S.	.190 lbs.
$\frac{1}{2}''$	.050"	16 B. & S.	.258 lbs.
$\frac{1}{2}''$	.040"	18 B. & S.	.221 lbs.
$\frac{9}{16}''$	.050"	16 B. & S.	.293 lbs.
$\frac{9}{16}''$	.040"	18 B. & S.	.251 lbs.
$\frac{5}{8}''$	.045"	17 B. & S.	.305 lbs.
$\frac{5}{8}''$	.040"	18 B. & S.	.281 lbs.
$\frac{3}{4}''$	.045"	17 B. & S.	.370 lbs.

OPEN SEAM ROUND BRASS TUBE
12 to 14-Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{5}{16}''$	18 (.040")	.128 lbs.
$\frac{3}{8}''$	18 (.040")	.158 lbs.
$\frac{1}{2}''$	18 (.040")	.217 lbs.
$\frac{5}{8}''$	18 (.040")	.276 lbs.
$\frac{3}{4}''$	18 (.040")	.355 lbs.

HARD SQUARE BRASS TUBE

12 to 14-Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{1}{4}''$	22 (.025")	.08 lbs.
$\frac{5}{16}''$	18 (.040")	.18 lbs.
$\frac{5}{16}''$	22 (.025")	.11 lbs.
$\frac{3}{8}''$	18 (.040")	.20 lbs.
$\frac{3}{8}''$	22 (.025")	.13 lbs.
$\frac{7}{16}''$	18 (.040")	.24 lbs.
$\frac{1}{2}''$	18 (.040")	.28 lbs.
$\frac{5}{8}''$	18 (.040")	.35 lbs.
$\frac{5}{8}''$	24 (.020")	.17 lbs.
$\frac{3}{4}''$	18 (.040")	.42 lbs.
$\frac{3}{4}''$	22 (.025")	.27 lbs.
$\frac{7}{8}''$	18 (.040")	.50 lbs.
$\frac{7}{8}''$	22 (.025")	.32 lbs.
1"	18 (.040")	.57 lbs.
1"	22 (.025")	.36 lbs.
$1\frac{1}{8}''$	16 (.050")	.80 lbs.
$1\frac{1}{4}''$	16 (.050")	.89 lbs.
$1\frac{1}{4}''$	18 (.040")	.72 lbs.
$1\frac{1}{2}''$	16 (.050")	1.08 lbs.
$1\frac{3}{4}''$	16 (.050")	1.27 lbs.
2"	16 (.050")	1.45 lbs.

SOFT SQUARE BRASS TUBE

12 to 14-Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{3}{8}''$	18 (.040")	.20 lbs.

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HARD RECTANGULAR BRASS TUBE

12 to 14-Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{1}{4}'' \times \frac{1}{2}''$	18 (.040")	.20 lbs.
$\frac{5}{16}'' \times \frac{5}{8}''$	18 (.040")	.26 lbs.
$\frac{3}{8}'' \times \frac{3}{4}''$	18 (.040")	.31 lbs.
$\frac{3}{8}'' \times 1''$	18 (.040")	.39 lbs.
$\frac{3}{8}'' \times 2''$	18 (.040")	.68 lbs.
$\frac{1}{2}'' \times \frac{3}{4}''$	16 (.050")	.43 lbs.
$\frac{1}{2}'' \times 1''$	16 (.050")	.52 lbs.
$\frac{5}{8}'' \times 1\frac{1}{4}''$	16 (.050")	.66 lbs.

SOFT RECTANGULAR BRASS TUBE

12 to 14-Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{5}{16}'' \times \frac{5}{8}''$	18 (.040")	.26 lbs.

HARD HEXAGON BRASS TUBE

12 to 14-Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{5}{8}''$	22 (.025")	.20 lbs.
$\frac{3}{4}''$	22 (.025")	.28 lbs.
$\frac{7}{8}''$	22 (.025")	.39 lbs.

SOFT HEXAGON BRASS TUBE

12 to 14-Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{3}{8}''$	18 (.040")	.20 lbs.
$\frac{7}{16}''$	18 (.040")	.23 lbs.
$\frac{1}{2}''$	18 (.040")	.26 lbs.

SOFT OVAL BRASS TUBE

12 to 14-Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{1}{2}'' \times \frac{5}{16}''$	18 (.040")	.24 lbs.

HARD ROPE PATTERN BRASS TUBE
Round 12 to 14 Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{5}{16}''$	18 (.040")	.13 lbs.
$\frac{3}{8}''$	18 (.040")	.16 lbs.
$\frac{7}{16}''$	18 (.040")	.19 lbs.
$\frac{1}{2}''$	18 (.040")	.22 lbs.
$\frac{5}{8}''$	20 (.032")	.22 lbs.
$\frac{5}{8}''$	22 (.025")	.18 lbs.
$\frac{3}{4}''$	20 (.032")	.27 lbs.
$\frac{3}{4}''$	22 (.025")	.25 lbs.
$\frac{7}{8}''$	20 (.032")	.32 lbs.
$\frac{7}{8}''$	22 (.025")	.25 lbs.
1"	20 (.032")	.36 lbs.
1"	22 (.025")	.29 lbs.
$1\frac{1}{8}''$	20 (.032")	.41 lbs.
$1\frac{1}{4}''$	20 (.032")	.46 lbs.
$1\frac{1}{2}''$	20 (.032")	.55 lbs.
$1\frac{3}{4}''$	17 (.045")	.90 lbs.
2"	17 (.045")	1.04 lbs.

SOFT ROPE PATTERN BRASS TUBE
Round 12 to 14 Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{5}{16}''$	18 (.040")	.13 lbs.
$\frac{3}{8}''$	18 (.040")	.16 lbs.
$\frac{7}{16}''$	18 (.040")	.19 lbs.
$\frac{1}{2}''$	18 (.040")	.22 lbs.

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HARD REEDED BRASS TUBE

Round

12 to 14 Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
5/8"	22 (.025")	.18 lbs.
3/4"	22 (.025")	.22 lbs.
7/8"	22 (.025")	.25 lbs.
1"	22 (.025")	.29 lbs.
1 1/8"	18 (.040")	.51 lbs.
1 1/8"	22 (.025")	.34 lbs.
1 1/4"	18 (.040")	.58 lbs.
1 1/2"	18 (.040")	.69 lbs.
2"	17 (.045")	1.04 lbs.

SOFT REEDED BRASS TUBE

Round

12 to 14 Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
5/16"	18 (.040")	.13 lbs.
3/8"	18 (.040")	.16 lbs.
7/16"	18 (.040")	.19 lbs.
1/2"	18 (.040")	.22 lbs.

For extra fancy tubing, write or phone for our special folder and prices will be quoted on application.

SHAPES

ACCESSORIES

DATA

HARD COMMERCIAL BRONZE TUBE

ROUND

Up to 1 Inch—12 to 14 Feet Long

Over 1 Inch—16 Feet Long

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{3}{8}''$	16 (.050")	.20 lbs.
$\frac{1}{2}''$	16 (.050")	.28 lbs.
$\frac{5}{8}''$	16 (.050")	.40 lbs.
$\frac{3}{4}''$	16 (.050")	.43 lbs.
1"	16 (.050")	.58 lbs.
$1\frac{1}{4}''$	14 (.064")	.92 lbs.
$1\frac{1}{2}''$	14 (.064")	1.12 lbs.
$1\frac{3}{4}''$	14 (.064")	1.30 lbs.
2"	14 (.064")	1.50 lbs.
$2\frac{1}{4}''$	14 (.064")	1.68 lbs.
$2\frac{1}{2}''$	14 (.064")	1.88 lbs.
3"	14 (.064")	2.26 lbs.

SQUARE

12 to 14 Feet Long

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{3}{8}''$	14 (.064")	.30 lbs.
$\frac{1}{2}''$	14 (.064")	.43 lbs.
$\frac{5}{8}''$	14 (.064")	.55 lbs.
$\frac{3}{4}''$	14 (.064")	.68 lbs.
$\frac{7}{8}''$	14 (.064")	.79 lbs.
1"	14 (.064")	.92 lbs.
$1\frac{1}{4}''$	14 (.064")	1.17 lbs.
$1\frac{1}{2}''$	14 (.064")	1.41 lbs.
2"	14 (.064")	1.91 lbs.
$2\frac{1}{2}''$	14 (.064")	2.40 lbs.
3"	14 (.064")	2.89 lbs.

RECTANGULAR

12 to 14 Feet Long

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{3}{8}'' \times \frac{3}{4}''$	14 (.064")	.49 lbs.
$\frac{3}{8}'' \times 1''$	14 (.064")	.62 lbs.
$\frac{3}{8}'' \times 1\frac{1}{4}''$	14 (.064")	.73 lbs.
$\frac{1}{2}'' \times \frac{3}{4}''$	14 (.064")	.56 lbs.
$\frac{1}{2}'' \times 1''$	14 (.064")	.68 lbs.
$\frac{1}{2}'' \times 1\frac{1}{4}''$	14 (.064")	.79 lbs.
$\frac{5}{8}'' \times 1\frac{1}{4}''$	14 (.064")	.86 lbs.
$\frac{3}{4}'' \times 1\frac{1}{2}''$	14 (.064")	1.04 lbs.
1" x 2"	14 (.064")	1.41 lbs.
$1\frac{1}{2}'' \times 3''$	14 (.064")	2.16 lbs.

SQUARE RICH LOW BRASS TUBE
 Hard, 85-15 Mixture 12 to 15 Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{3}{8}''$	14 (.064")	.30 lbs.
$\frac{1}{2}''$	14 (.064")	.43 lbs.
$\frac{5}{8}''$	14 (.064")	.55 lbs.
$\frac{3}{4}''$	14 (.064")	.68 lbs.
$\frac{7}{8}''$	14 (.064")	.79 lbs.
1"	14 (.064")	.92 lbs.
$1\frac{1}{4}''$	14 (.064")	1.17 lbs.
$1\frac{1}{2}''$	14 (.064")	1.41 lbs.
2"	14 (.064")	1.91 lbs.
$2\frac{1}{2}''$	14 (.064")	2.40 lbs.
3"	14 (.064")	2.89 lbs.

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SHAPES

ACCESSORIES

DATA

RECTANGULAR RICH LOW BRASS TUBE
 Hard, 85-15 Mixture
12 to 15 Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{3}{8}'' \times \frac{5}{8}''$	14 (.064")	.43 lbs.
$\frac{3}{8}'' \times \frac{3}{4}''$	14 (.064")	.49 lbs.
$\frac{3}{8}'' \times 1''$	14 (.064")	.62 lbs.
$\frac{1}{2}'' \times \frac{5}{8}''$	14 (.064")	.49 lbs.
$\frac{1}{2}'' \times \frac{3}{4}''$	14 (.064")	.56 lbs.
$\frac{1}{2}'' \times 1''$	14 (.064")	.67 lbs.
$\frac{1}{2}'' \times 1\frac{1}{2}''$	14 (.064")	.92 lbs.
$\frac{1}{2}'' \times 2''$	14 (.064")	1.16 lbs.
$\frac{3}{4}'' \times 1''$	14 (.064")	.78 lbs.
$\frac{3}{4}'' \times 1\frac{1}{2}''$	14 (.064")	1.04 lbs.
$\frac{3}{4}'' \times 2''$	12 (.081")	1.59 lbs.
$1'' \times 1\frac{1}{2}''$	12 (.081")	1.44 lbs.
$1'' \times 2''$	14 (.064")	1.41 lbs.

10 Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
$1\frac{1}{4}'' \times 2\frac{1}{2}''$	12 (.081")	2.15 lbs.
$1\frac{1}{4}'' \times 3''$	12 (.081")	2.43 lbs.
$1\frac{1}{2}'' \times 3''$	12 (.081")	2.68 lbs.
$1\frac{1}{2}'' \times 3\frac{1}{2}''$	12 (.081")	2.99 lbs.
$1\frac{1}{2}'' \times 4''$	12 (.081")	3.30 lbs.
$1\frac{1}{2}'' \times 4\frac{1}{2}''$	12 (.081")	3.62 lbs.
$1\frac{3}{4}'' \times 3''$	12 (.081")	2.84 lbs.
$1\frac{3}{4}'' \times 4''$	12 (.081")	3.46 lbs.
$1\frac{3}{4}'' \times 4\frac{1}{2}''$	12 (.081")	3.77 lbs.
$1\frac{3}{4}'' \times 5''$	12 (.081")	4.08 lbs.
$1\frac{3}{4}'' \times 5\frac{1}{2}''$	12 (.081")	4.39 lbs.

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I. D. SEAMLESS COPPER TUBE

Hard, Round—20 Foot Lengths

Inside Diam. In Inches	Stubs Gauge	Approx. Weight Per Lineal Foot
1 $\frac{1}{4}$ "	10 (.134")	2.257 lbs.
1 $\frac{1}{4}$ "	14 (.083")	1.348 lbs.
1 $\frac{1}{2}$ "	10 (.134")	2.667 lbs.
1 $\frac{1}{2}$ "	12 (.109")	2.139 lbs.
1 $\frac{1}{2}$ "	14 (.083")	1.598 lbs.
2"	10 (.134")	3.477 lbs.
2"	12 (.109")	2.799 lbs.
2"	14 (.083")	2.108 lbs.
2"	16 (.065")	1.633 lbs.
2 $\frac{1}{2}$ "	10 (.134")	4.297 lbs.
2 $\frac{1}{2}$ "	12 (.109")	3.459 lbs.
2 $\frac{1}{2}$ "	14 (.083")	2.608 lbs.
2 $\frac{1}{2}$ "	16 (.065")	2.033 lbs.
3"	7 (.180")	6.968 lbs.
3"	10 (.134")	5.107 lbs.
3"	12 (.109")	4.119 lbs.
3"	14 (.083")	3.118 lbs.
3"	16 (.065")	2.423 lbs.
3 $\frac{1}{2}$ "	10 (.134")	5.927 lbs.
3 $\frac{1}{2}$ "	12 (.109")	4.789 lbs.
3 $\frac{1}{2}$ "	14 (.083")	3.618 lbs.
4"	8 (.165")	8.362 lbs.
4"	10 (.134")	6.737 lbs.
4"	12 (.109")	5.449 lbs.
4"	14 (.083")	4.128 lbs.
5"	7 (.180")	11.338 lbs.
5"	10 (.134")	8.367 lbs.
6"	8 (.165")	12.372 lbs.
6"	10 (.134")	9.997 lbs.
8"	10 (.134")	13.257 lbs.

SHAPES

ACCESSORIES

DATA

Our direct wires to the mills and our teletype system, enable us to give you prompt service on your Stock and Mill Orders.

HARD ROUND COPPER TUBE

12 Foot Lengths

Size	B. & S. Gauge	Weight Per Lineal Foot
$\frac{3}{16}''$	20 (.032")	.061 lbs.
$\frac{1}{4}''$	18 (.040")	.102 lbs.
$\frac{5}{16}''$	18 (.040")	.132 lbs.
$\frac{3}{8}''$	17 (.045")	.182 lbs.
$\frac{7}{16}''$	17 (.045")	.217 lbs.
$\frac{1}{2}''$	16 (.050")	.272 lbs.
$\frac{5}{8}''$	20 (.032")	.231 lbs.
$\frac{5}{8}''$	16 (.050")	.346 lbs.
$\frac{3}{4}''$	20 (.032")	.280 lbs.
$\frac{3}{4}''$	15 (.057")	.485 lbs.
$\frac{7}{8}''$	15 (.057")	.575 lbs.
1"	14 (.064")	.738 lbs.
$1\frac{1}{8}''$	14 (.064")	.786 lbs.
$1\frac{1}{4}''$	13 (.072")	1.030 lbs.
$1\frac{1}{2}''$	12 (.081")	1.360 lbs.
$1\frac{3}{4}''$	11 (.091")	1.820 lbs.
2"	11 (.091")	2.090 lbs.

12 Foot Lengths

Size	Stubs Gauge	Weight Per Lineal Foot
$\frac{3}{4}''$	24 (.022")	.195 lbs.
$1\frac{1}{2}''$	16 (.065")	1.140 lbs.

16 Foot Lengths

Size	Stubs Gauge	Weight Per Lineal Foot
$2\frac{1}{2}''$	16 (.065")	1.930 lbs.
3"	16 (.065")	2.320 lbs.
$3\frac{1}{2}''$	15 (.072")	3.010 lbs.
4"	14 (.083")	3.960 lbs.

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SOFT ROUND COPPER TUBE

In Coils

of About 40 to 50 Feet

Size	Stubs Gauge	Weight Per Lineal Foot
$\frac{1}{8}''$	20 (.035")	.039 lbs.
$\frac{3}{16}''$	20 (.035")	.065 lbs.
$\frac{1}{4}''$	20 (.035")	.092 lbs.
$\frac{5}{16}''$	20 (.035")	.118 lbs.
$\frac{3}{8}''$	$\frac{1}{16}''$ (.0625")	.245 lbs.
$\frac{3}{8}''$	20 (.035")	.145 lbs.
$\frac{1}{2}''$	20 (.035")	.198 lbs.
$\frac{5}{8}''$	20 (.035")	.251 lbs.
$\frac{3}{4}''$	20 (.035")	.305 lbs.

In Coils

of About 35 Feet

Size	Stubs Gauge	Weight Per Lineal Foot
1"	19 (.042")	.490 lbs.
$1\frac{1}{4}''$	18 (.049")	.717 lbs.
$1\frac{1}{2}''$	17 (.058")	1.020 lbs.

SOFT ROUND COPPER TUBE
DEHYDRATED, WITH SEALED ENDS

Size	Stubs Gauge	Length of Coils	Approximate Weight Per Coil
$\frac{3}{16}''$	20 (.035")	30 ft.	2 lbs.
$\frac{1}{4}''$	20 (.035")	20 ft.	$1\frac{7}{8}$ lbs.
$\frac{1}{4}''$	20 (.035")	30 ft.	$2\frac{3}{4}$ lbs.
$\frac{1}{4}''$	20 (.035")	50 ft.	$4\frac{5}{8}$ lbs.
$\frac{3}{8}''$	20 (.035")	50 ft.	$7\frac{1}{4}$ lbs.
$\frac{7}{16}''$	20 (.035")	50 ft.	$8\frac{5}{8}$ lbs.
$\frac{1}{2}''$	20 (.035")	20 ft.	4 lbs.
$\frac{1}{2}''$	20 (.035")	50 ft.	10 lbs.

I.P.S. BRASS PIPE
STANDARD IRON PIPE SIZES
12 Foot Lengths

Iron Pipe Size	Diameter—Inches		Pounds Per Foot
	Outside	Inside	
$\frac{1}{8}''$	.405	.281	.246 lbs.
$\frac{1}{4}''$	.540	.375	.437 lbs.
$\frac{3}{8}''$	.675	.494	.612 lbs.
$\frac{1}{2}''$	.840	.625	.911 lbs.
$\frac{3}{4}''$	1.050	.822	1.24 lbs.
1"	1.315	1.062	1.74 lbs.
$1\frac{1}{4}''$	1.660	1.368	2.56 lbs.
$1\frac{1}{2}''$	1.900	1.600	3.04 lbs.
2"	2.375	2.062	4.02 lbs.
$2\frac{1}{2}''$	2.875	2.500	5.83 lbs.
3"	3.500	3.062	8.31 lbs.
$3\frac{1}{2}''$	4.000	3.500	10.85 lbs.
4"	4.500	4.000	12.29 lbs.
6"	6.625	6.125	18.44 lbs.

I.P.S. BRASS PIPE
EXTRA HEAVY IRON PIPE SIZES
12-Foot Lengths

Iron Pipe Size	Diameter—Inches		Pounds Per Foot
	Outside	Inside	
$\frac{1}{8}''$	.405	.205	.353 lbs.
$\frac{1}{4}''$	.540	.294	.593 lbs.
$\frac{3}{8}''$	.675	.421	.805 lbs.
$\frac{1}{2}''$	.840	.542	1.19 lbs.
$\frac{3}{4}''$	1.050	.736	1.62 lbs.
1"	1.315	.951	2.39 lbs.
$1\frac{1}{4}''$	1.660	1.272	3.30 lbs.
$1\frac{1}{2}''$	1.900	1.494	3.99 lbs.
2"	2.375	1.933	5.51 lbs.

Sizes not Listed—Immediate shipment from mill stocks.

Polished, Nickel Plated, Chromium Plated,
Tinned and Threaded Pipe on short notice.

I.P.S. COPPER PIPE
STANDARD IRON PIPE SIZES
12 Foot Lengths

Iron Pipe Size	Diameter—Inches		Pounds Per Foot
	Outside	Inside	
$\frac{1}{8}''$	.405	.281	.259 lbs.
$\frac{1}{4}''$	.540	.375	.460 lbs.
$\frac{3}{8}''$	.675	.494	.643 lbs.
$\frac{1}{2}''$	.840	.625	.957 lbs.
$\frac{3}{4}''$	1.050	.822	1.30 lbs.
1"	1.315	1.062	1.83 lbs.
$1\frac{1}{4}''$	1.660	1.368	2.69 lbs.
$1\frac{1}{2}''$	1.900	1.600	3.20 lbs.
2"	2.375	2.062	4.23 lbs.

I.P.S. RED BRASS PIPE
STANDARD IRON PIPE SIZES
12 Foot Lengths

Iron Pipe Size	Diameter—Inches		Pounds Per Foot
	Outside	Inside	
$\frac{1}{8}''$	.405	.281	.253 lbs.
$\frac{1}{4}''$	.540	.375	.450 lbs.
$\frac{3}{8}''$	.675	.494	.630 lbs.
$\frac{1}{2}''$	.840	.625	.938 lbs.
$\frac{3}{4}''$	1.050	.822	1.27 lbs.
1"	1.315	1.062	1.79 lbs.
$1\frac{1}{4}''$	1.660	1.368	2.63 lbs.
$1\frac{1}{2}''$	1.900	1.600	3.13 lbs.
2"	2.375	2.062	4.14 lbs.
$2\frac{1}{2}''$	2.875	2.500	6.00 lbs.
3"	3.500	3.062	8.56 lbs.

I.P.S. EVERDUR PIPE
STANDARD IRON PIPE SIZES
12 Foot Lengths

Iron Pipe Size	Diameter—Inches		Pounds Per Foot
	Outside	Inside	
$\frac{1}{2}''$	.840	.625	.914 lbs.
$\frac{3}{4}''$	1.050	.822	1.24 lbs.
1"	1.315	1.062	1.75 lbs.
$1\frac{1}{4}''$	1.660	1.368	2.57 lbs.
$1\frac{1}{2}''$	1.900	1.600	3.05 lbs.
2"	2.375	2.062	4.03 lbs.

TYPE "K" COPPER WATER TUBE

Nominal Size	Length in Feet	Temper
$\frac{3}{8}''$	60 ft. coils	Soft
$\frac{1}{2}''$	45 ft. coils	Soft
$\frac{1}{2}''$	60 ft. coils	Soft
$\frac{3}{4}''$	45 ft. coils	Soft
$\frac{3}{4}''$	60 ft. coils	Soft
1"	60 ft. coils	Soft
$1\frac{1}{4}''$	20 ft. lengths	Soft
$1\frac{1}{2}''$	20 ft. lengths	Soft
$1\frac{1}{2}''$	20 ft. lengths	Hard
2"	20 ft. lengths	Hard
$2\frac{1}{2}''$	20 ft. lengths	Hard

TYPE "L" COPPER WATER TUBE

Nominal Size	Length in Feet	Temper
$\frac{3}{8}''$	60 ft. coils	Soft
$\frac{1}{2}''$	60 ft. coils	Soft
$\frac{3}{4}''$	60 ft. coils	Soft
$\frac{3}{8}''$	20 ft. lengths	Hard
$\frac{1}{2}''$	20 ft. lengths	Hard
$\frac{3}{4}''$	20 ft. lengths	Hard
1"	20 ft. lengths	Hard
$1\frac{1}{4}''$	20 ft. lengths	Hard
$1\frac{1}{2}''$	20 ft. lengths	Hard
2"	20 ft. lengths	Hard

Note:—Sizes and lengths not listed, also Type "M" Copper Water Tube—Immediate shipment from mill stocks.

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COPPER WATER TUBE DATA
For Plumbing, Heating and Gas Lines

TYPE K

Nominal Size Inches	Diameter Inches		Thickness Inches Wall	Pounds per Linear Foot
	Outside	Inside		
$\frac{3}{8}$	.500	.402	.049	.269
$\frac{1}{2}$	.625	.527	.049	.344
$\frac{5}{8}$	.750	.652	.049	.418
$\frac{3}{4}$	.875	.745	.065	.641
1	1.125	.995	.065	.839
$1\frac{1}{4}$	1.375	1.245	.065	1.04
$1\frac{1}{2}$	1.625	1.481	.072	1.36
2	2.125	1.959	.083	2.06
$2\frac{1}{2}$	2.625	2.435	.095	2.92
3	3.125	2.907	.109	4.00
$3\frac{1}{2}$	3.625	3.385	.120	5.12
4	4.125	3.857	.134	6.51
5	5.125	4.805	.160	9.67
6	6.125	5.741	.192	13.87
8	8.125	7.583	.271	25.90

TYPE L

$\frac{3}{8}$	.500	.430	.035	.198
$\frac{1}{2}$	.625	.545	.040	.285
$\frac{5}{8}$	.750	.666	.042	.362
$\frac{3}{4}$	.875	.785	.045	.455
1	1.125	1.025	.050	.655
$1\frac{1}{4}$	1.375	1.265	.055	.884
$1\frac{1}{2}$	1.625	1.505	.060	1.14
2	2.125	1.985	.070	1.75
$2\frac{1}{2}$	2.625	2.465	.080	2.48
3	3.125	2.945	.090	3.33
$3\frac{1}{2}$	3.625	3.425	.100	4.29
4	4.125	3.905	.110	5.38
5	5.125	4.875	.125	7.61
6	6.125	5.845	.140	10.20
8	8.125	7.725	.200	19.29

TYPE M

$\frac{3}{8}$	.500	.450	.025	.144
$\frac{1}{2}$	.625	.569	.028	.203
$\frac{3}{4}$	.875	.811	.032	.328
1	1.125	1.055	.035	.464
$1\frac{1}{4}$	1.375	1.291	.042	.681
$1\frac{1}{2}$	1.625	1.527	.049	.940
2	2.125	2.009	.058	1.46
$2\frac{1}{2}$	2.625	2.495	.065	2.03
3	3.125	2.981	.072	2.68
$3\frac{1}{2}$	3.625	3.459	.083	3.58
4	4.125	3.935	.095	4.66
5	5.125	4.907	.109	6.66
6	6.125	5.881	.122	8.91
8	8.125	7.785	.170	16.46

Variations from these weights must be expected in practice.

SHEETS

RODS

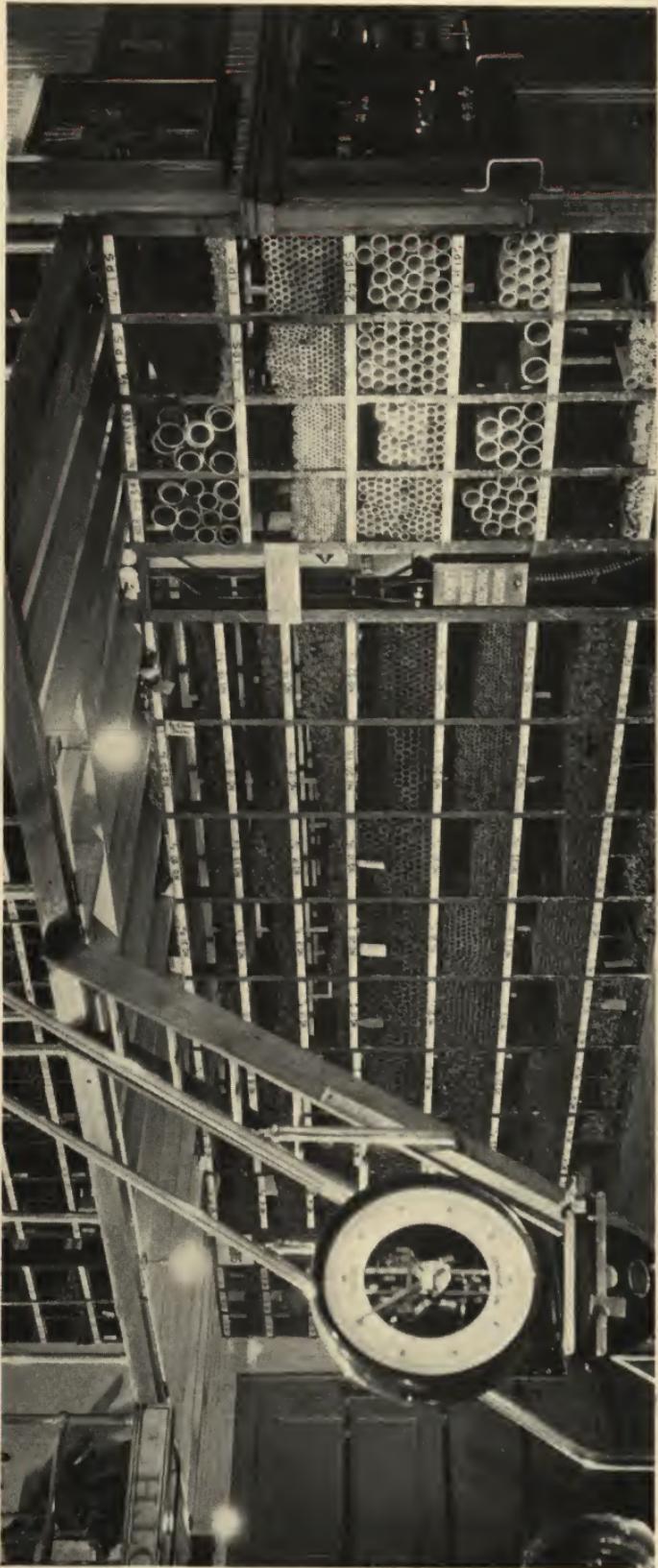
WIRE

TUBES

T. E. Conklin Brass & Copper Co.

Inc.

ESTABLISHED 1860



T. E. Conklin Brass & Copper Co., Inc.

ESTABLISHED 1860

SHAPES

ANGLES AND CHANNELS
SADDLES, MOULDINGS
& SILLS

BRASS
COMMERCIAL BRONZE
EXTRUDED BRONZE

If the product you need
is not listed as carried
in stock, please get in
touch with us. Our
mills can supply any
Brass or Copper Product
if ordered in sufficient
quantity.



IN STOCK — FOR IMMEDIATE SHIPMENT

SHAPES

ACCESSORIES

DATA

SHEETS

RODS

WIRE

TUBES

SHAPES

T. E. Conklin Brass & Copper Co., Inc.
ESTABLISHED 1860

SHAPES

ANGLES AND CHANNELS
SADDLES, MOULDINGS
& SILLS

BRASS

COMMERCIAL BRONZE
EXTRUDED BRONZE

If the product you need
is not listed as carried
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Brass or Copper Product
if ordered in sufficient
quantity.



IN STOCK — FOR IMMEDIATE SHIPMENT

DRAWN BRASS ANGLE

Hard

Lengths of 10 to 12 Feet

Size	Thickness, B. & S. Gauge	Weight Per Lineal Foot
$\frac{3}{8}'' \times \frac{3}{8}''$	17 (.045")	.117 lbs.
$\frac{3}{8}'' \times \frac{7}{8}''$	18 (.040")	.178 lbs.
$\frac{1}{2}'' \times \frac{1}{2}''$	16 (.050")	.174 lbs.
$\frac{1}{2}'' \times \frac{1}{2}''$	12 (.080")	.270 lbs.
$\frac{5}{8}'' \times \frac{5}{8}''$	16 (.050")	.220 lbs.
$\frac{5}{8}'' \times \frac{5}{8}''$	11 (.090")	.380 lbs.
$\frac{3}{4}'' \times \frac{3}{4}''$	16 (.050")	.266 lbs.
$\frac{3}{4}'' \times \frac{3}{4}''$	10 (.102")	.520 lbs.
$\frac{7}{8}'' \times 1\frac{1}{4}''$	22 (.025")	.193 lbs.
1" x 1"	14 (.064")	.445 lbs.
1" x 1"	8 (.128")	.865 lbs.
$1\frac{1}{4}'' \times 1\frac{1}{4}''$	8 (.128")	1.100 lbs.
$1\frac{1}{2}'' \times 1\frac{1}{2}''$	12 (.080")	.860 lbs.
$1\frac{1}{2}'' \times 1\frac{1}{2}''$	8 (.128")	1.320 lbs.
2" x 2"	8 (.128")	1.780 lbs.

DRAWN COMMERCIAL BRONZE ANGLE

Hard

Lengths of 10 to 12 Feet

Size	Thickness, B. & S. Gauge	Weight Per Lineal Foot
$\frac{1}{2}'' \times \frac{1}{2}''$	12 (.080")	.281 lbs.
$\frac{5}{8}'' \times \frac{5}{8}''$	11 (.090")	.395 lbs.
$\frac{3}{4}'' \times \frac{3}{4}''$	10 (.102")	.540 lbs.
1" x 1"	8 (.128")	.895 lbs.
$1\frac{1}{4}'' \times 1\frac{1}{4}''$	8 (.128")	1.135 lbs.
$1\frac{1}{2}'' \times 1\frac{1}{2}''$	8 (.128")	1.375 lbs.
2" x 2"	8 (.128")	1.865 lbs.

Established in 1860
our Guiding Policy then
now and for the future
was, is, and will be
SERVICE!

DRAWN BRASS CHANNEL

Hard

Lengths of 10 to 12 Feet

Size	Thickness B. & S. Gauge	Weight Per Lineal Foot
$\frac{1}{4}'' \times \frac{1}{4}'' \times \frac{1}{4}''$	18 (.040")	.098 lbs.
$\frac{3}{8}'' \times \frac{3}{8}'' \times \frac{3}{8}''$	18 (.040")	.154 lbs.
$\frac{3}{8}'' \times \frac{3}{8}'' \times \frac{3}{8}''$	14 (.064")	.235 lbs.
$\frac{3}{8}'' \times \frac{1}{2}'' \times \frac{3}{8}''$	12 (.080")	.330 lbs.
$\frac{3}{8}'' \times \frac{5}{8}'' \times \frac{3}{8}''$	12 (.080")	.360 lbs.
$\frac{3}{8}'' \times \frac{3}{4}'' \times \frac{3}{8}''$	14 (.064")	.350 lbs.
$\frac{3}{8}'' \times \frac{3}{4}'' \times \frac{3}{8}''$	10 (.102")	.480 lbs.
$\frac{1}{2}'' \times 1'' \times \frac{1}{2}''$	12 (.080")	.540 lbs.
$\frac{1}{2}'' \times 1\frac{1}{4}'' \times \frac{1}{2}''$	12 (.080")	.670 lbs.
$\frac{1}{2}'' \times 1\frac{1}{2}'' \times \frac{1}{2}''$	12 (.080")	.690 lbs.

DRAWN COMMERCIAL BRONZE CHANNEL

Hard

Lengths of 10 to 12 Feet

Size	Thickness, B. & S. Gauge	Weight Per Lineal Foot
$\frac{3}{8}'' \times \frac{1}{2}'' \times \frac{3}{8}''$	12 (.080")	.343 lbs.
$\frac{3}{8}'' \times \frac{5}{8}'' \times \frac{3}{8}''$	12 (.080")	.375 lbs.
$\frac{3}{8}'' \times \frac{3}{4}'' \times \frac{3}{8}''$	14 (.064")	.364 lbs.
$\frac{3}{8}'' \times \frac{3}{4}'' \times \frac{3}{8}''$	10 (.102")	.499 lbs.
$\frac{1}{2}'' \times 1'' \times \frac{1}{2}''$	12 (.080")	.561 lbs.
$\frac{1}{2}'' \times 1\frac{1}{4}'' \times \frac{1}{2}''$	12 (.080")	.696 lbs.
$\frac{1}{2}'' \times 1\frac{1}{2}'' \times \frac{1}{2}''$	12 (.080")	.717 lbs.

Our direct wires to the mills and our teletype system, enable us to give you prompt service on your Stock and Mill Orders.

EXTRUDED BRONZE ANGLE

Lengths About 12 to 15 Feet

Size	Thickness	Weight Per Lineal Foot
$\frac{3}{8}'' \times \frac{3}{8}''$	$\frac{3}{32}''$	.22 lbs.
$\frac{3}{8}'' \times \frac{3}{8}''$	$\frac{1}{8}''$	.30 lbs.
$\frac{3}{8}'' \times \frac{3}{4}''$	$\frac{3}{32}''$	.35 lbs.
$\frac{3}{8}'' \times 1''$	$\frac{1}{8}''$	.58 lbs.
$\frac{1}{2}'' \times \frac{1}{2}''$	$\frac{3}{32}''$	.31 lbs.
$\frac{1}{2}'' \times \frac{1}{2}''$	$\frac{1}{8}''$	.42 lbs.
$\frac{1}{2}'' \times \frac{3}{4}''$	$\frac{1}{8}''$	.52 lbs.
$\frac{1}{2}'' \times 1''$	$\frac{1}{8}''$	.65 lbs.
$\frac{1}{2}'' \times 1\frac{1}{2}''$	$\frac{1}{8}''$	.84 lbs.
$\frac{5}{8}'' \times \frac{5}{8}''$	$\frac{3}{32}''$	.36 lbs.
$\frac{5}{8}'' \times \frac{5}{8}''$	$\frac{1}{8}''$	.52 lbs.
$\frac{3}{4}'' \times \frac{3}{4}''$	$\frac{3}{32}''$	.48 lbs.
$\frac{3}{4}'' \times \frac{3}{4}''$	$\frac{1}{8}''$	.64 lbs.
$\frac{3}{4}'' \times 1''$	$\frac{1}{8}''$	.75 lbs.
$\frac{3}{4}'' \times 1\frac{1}{4}''$	$\frac{1}{8}''$	.88 lbs.
$\frac{3}{4}'' \times 1\frac{1}{2}''$	$\frac{1}{8}''$	.97 lbs.
1" x 1"	$\frac{1}{8}''$	.89 lbs.
1" x 1"	$\frac{3}{16}''$	1.30 lbs.
1" x 1 $\frac{1}{4}$ "	$\frac{1}{8}''$	1.00 lbs.
1" x 1 $\frac{1}{2}$ "	$\frac{1}{8}''$	1.10 lbs.
1" x 2"	$\frac{1}{8}''$	1.33 lbs.
1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ "	$\frac{1}{8}''$	1.05 lbs.
1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	$\frac{1}{8}''$	1.33 lbs.
1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	$\frac{3}{16}''$	1.92 lbs.
1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	$\frac{1}{4}''$	2.52 lbs.
2" x 2"	$\frac{1}{8}''$	1.79 lbs.
2" x 2"	$\frac{3}{16}''$	2.58 lbs.
2" x 2"	$\frac{1}{4}''$	3.37 lbs.
2 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ "	$\frac{1}{4}''$	4.35 lbs.
3" x 3"	$\frac{1}{4}''$	5.25 lbs.

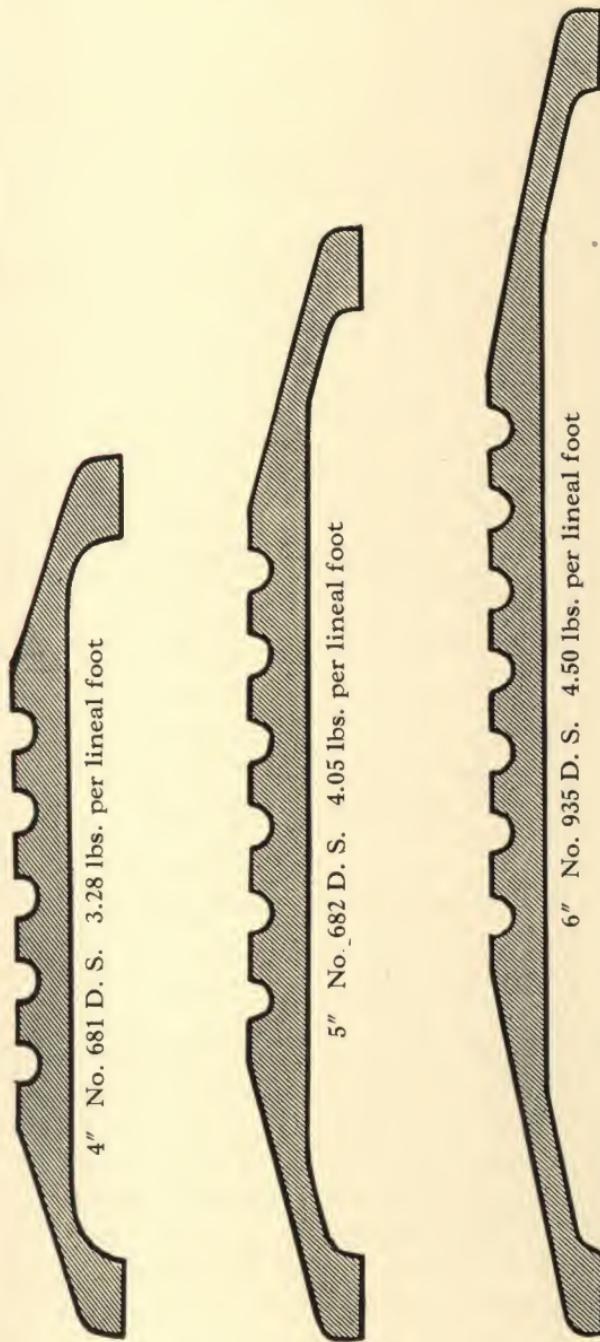
Established in 1860
 our Guiding Policy then
 now and for the future
 was, is, and will be
S E R V I C E !

EXTRUDED BRONZE CHANNEL
 Lengths About 12 to 15 Feet

Size	Thickness	Weight Per Lineal Foot
$\frac{3}{8}'' \times \frac{3}{8}'' \times \frac{3}{8}''$	$\frac{3}{32}''$	.33 lbs.
$\frac{3}{8}'' \times \frac{1}{2}'' \times \frac{3}{8}''$	$\frac{3}{32}''$	.36 lbs.
$\frac{3}{8}'' \times \frac{1}{2}'' \times \frac{3}{8}''$	$\frac{1}{8}''$	.46 lbs.
$\frac{1}{2}'' \times \frac{1}{2}'' \times \frac{1}{2}''$	$\frac{3}{32}''$	.45 lbs.
$\frac{3}{8}'' \times \frac{3}{4}'' \times \frac{3}{8}''$	$\frac{1}{8}''$	.57 lbs.
$\frac{1}{2}'' \times \frac{3}{4}'' \times \frac{1}{2}''$	$\frac{3}{32}''$	.52 lbs.
$\frac{1}{2}'' \times \frac{3}{4}'' \times \frac{1}{2}''$	$\frac{1}{8}''$	.68 lbs.
$\frac{3}{4}'' \times \frac{3}{4}'' \times \frac{3}{4}''$	$\frac{3}{32}''$	.68 lbs.
$\frac{3}{4}'' \times \frac{3}{4}'' \times \frac{3}{4}''$	$\frac{1}{8}''$	.90 lbs.
$1'' \times \frac{3}{4}'' \times 1''$	$\frac{1}{8}''$	1.16 lbs.
$\frac{3}{8}'' \times 1'' \times \frac{3}{8}''$	$\frac{1}{8}''$	.69 lbs.
$\frac{1}{2}'' \times 1'' \times \frac{1}{2}''$	$\frac{1}{8}''$	.84 lbs.
$\frac{3}{4}'' \times 1'' \times \frac{3}{4}''$	$\frac{1}{8}''$	1.04 lbs.
$1'' \times 1'' \times 1''$	$\frac{1}{8}''$	1.25 lbs.
$\frac{1}{2}'' \times 1\frac{1}{4}'' \times \frac{1}{2}''$	$\frac{1}{8}''$	.93 lbs.
$\frac{3}{4}'' \times 1\frac{1}{4}'' \times \frac{3}{4}''$	$\frac{1}{8}''$	1.15 lbs.
$1'' \times 1\frac{1}{4}'' \times 1''$	$\frac{1}{8}''$	1.35 lbs.
$\frac{3}{4}'' \times 1.40'' \times \frac{3}{4}''$	$\frac{3}{32}''$	.92 lbs.
$\frac{1}{2}'' \times 1\frac{1}{2}'' \times \frac{1}{2}''$	$\frac{1}{8}''$	1.02 lbs.
$\frac{3}{4}'' \times 1\frac{1}{2}'' \times \frac{3}{4}''$	$\frac{1}{8}''$	1.26 lbs.
$1'' \times 1\frac{1}{2}'' \times 1''$	$\frac{1}{8}''$	1.45 lbs.
$1\frac{1}{2}'' \times 1\frac{1}{2}'' \times 1\frac{1}{2}''$	$\frac{1}{8}''$	1.80 lbs.
$\frac{3}{4}'' \times 1.59'' \times \frac{3}{4}''$	$\frac{3}{32}''$	.98 lbs.
$1'' \times 2'' \times 1''$	$\frac{1}{8}''$	1.75 lbs.

Our direct wires to the mills and our teletype system, enable us to give you prompt service on your Stock and Mill Orders.

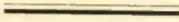
EXTRUDED BRONZE DOOR SADDLE
Any Length up to 15 Feet



Illustrations are actual size.

EXTRUDED BRONZE
DOOR MOULDING
12 to 15 Foot Lengths

$1\frac{3}{8}''$ No. 14401 D. M. .55 lbs. per lineal foot



$1\frac{5}{8}''$ No. 23094 D. M. .64 lbs. per lineal foot

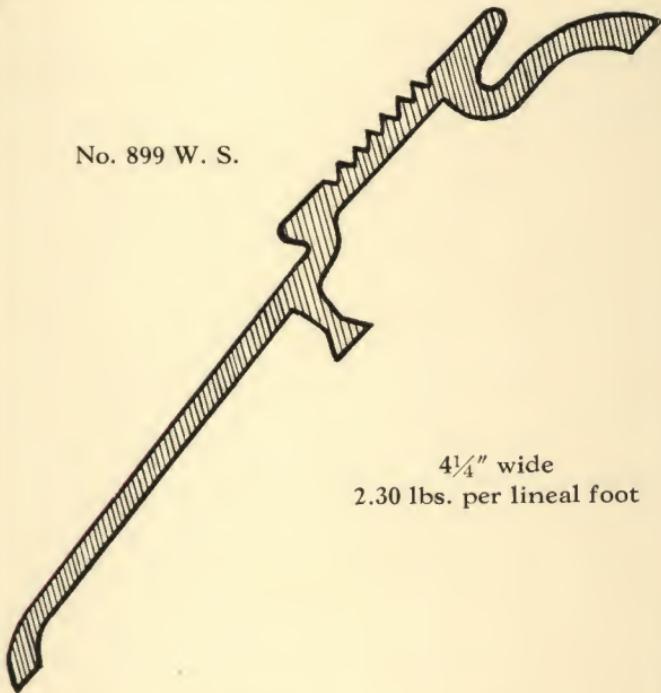


Illustrations are Actual Size

Our modern Gang Slitting Department and cutting facilities enable us to give you prompt service on your slit material. This will avoid long delays from the mill. Write or phone for special prices on material cut to size.

EXTRUDED BRONZE
WEATHERSTRIP SADDLE
Any Length up to 15 Feet

No. 899 W. S.



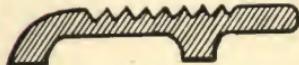
4 $\frac{1}{4}$ " wide
2.30 lbs. per lineal foot

EXTRUDED BRONZE
WEATHERSTRIP SILL
Any Length up to 15 Feet

No. 234 W. S.

1 $\frac{3}{8}$ " wide

.72 lbs. per lineal foot



Method of Installation
with $\frac{5}{8}$ " x $\frac{7}{8}$ " No. 18
B & S Gauge Brass Angle

Illustrations are Actual Size

SHEETS

RODS

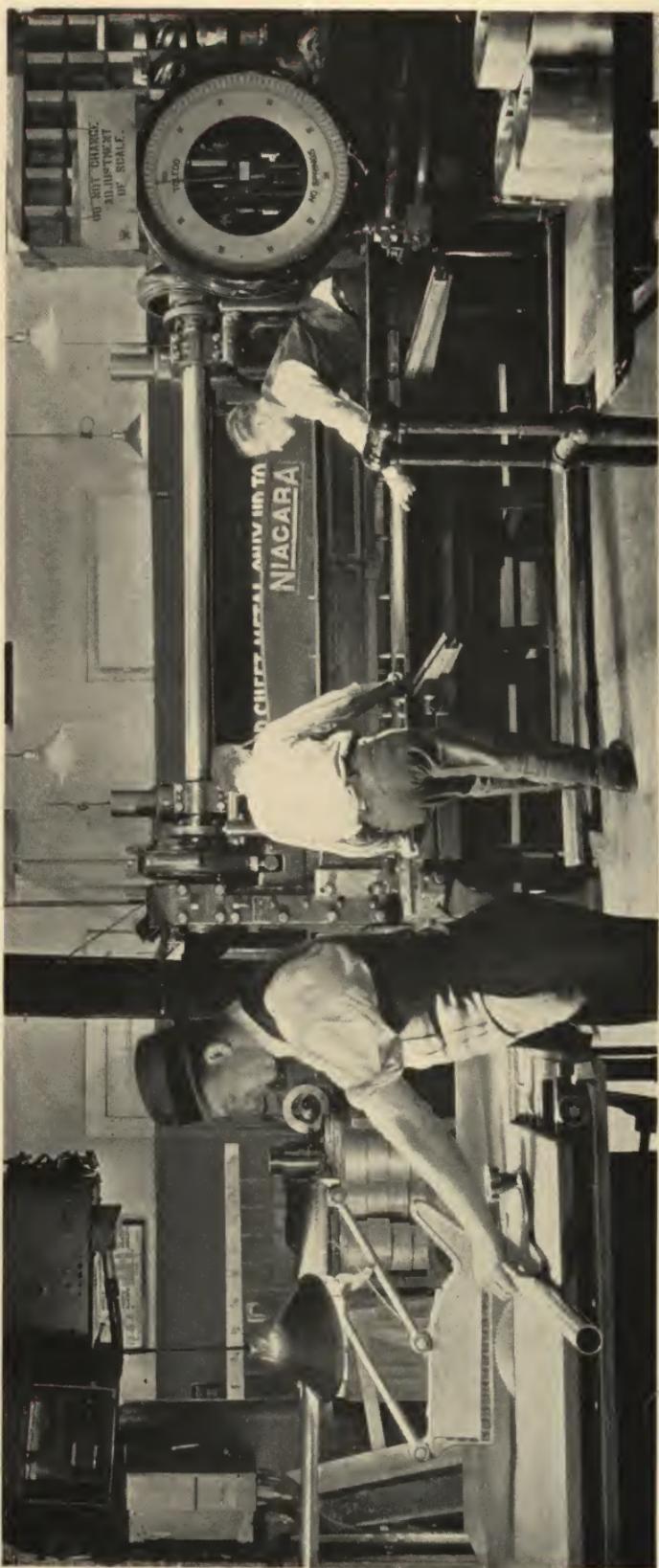
WIRE

TUBES

SHAPES

T. E. Conklin Brass & Copper Co.
Inc.

ESTABLISHED 1860



T. E. Conklin Brass & Copper Co., Inc.

ESTABLISHED 1860

ACCESSORIES

RIVETS AND BURS

WASHERS

COTTER PINS

ESCUTCHEON PINS

FITTINGS-

COMPRESSION—IRON PIPE SIZE

FLARED—FLANGED

SOLDER (SWEAT)—NIPPLES

SCREEN AND WIRE CLOTH

GRILLE

WIRE AND CUT NAILS

TACKS

SOLDERING COPPERS

SPELTER—SOLDER

BEARING BRONZE

MACHINE AND WOOD SCREWS

LAG AND HANGER SCREWS

NUTS—BOLTS

CAP SCREWS



IN STOCK — FOR IMMEDIATE SHIPMENT

ACCESSORIES

DATA

SHEETS

RODS

WIRE

TUBES

SHAPES

ACCESSORIES

T. E. Conklin Brass & Copper Co., Inc.
ESTABLISHED 1860

ACCESSORIES

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NUTS—BOLTS

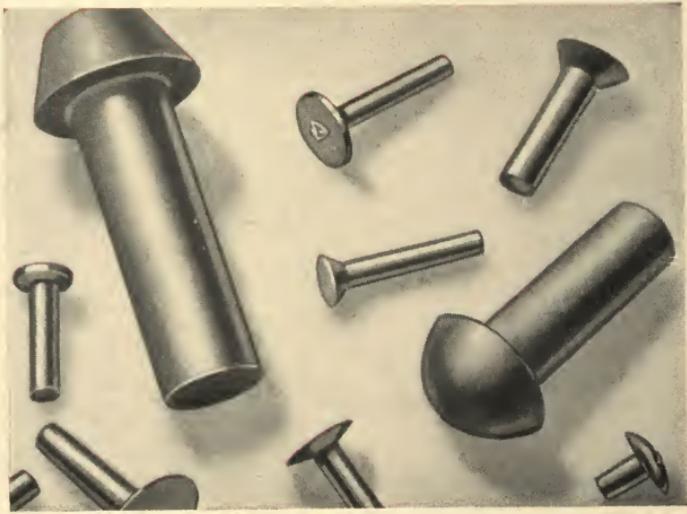
CAP SCREWS



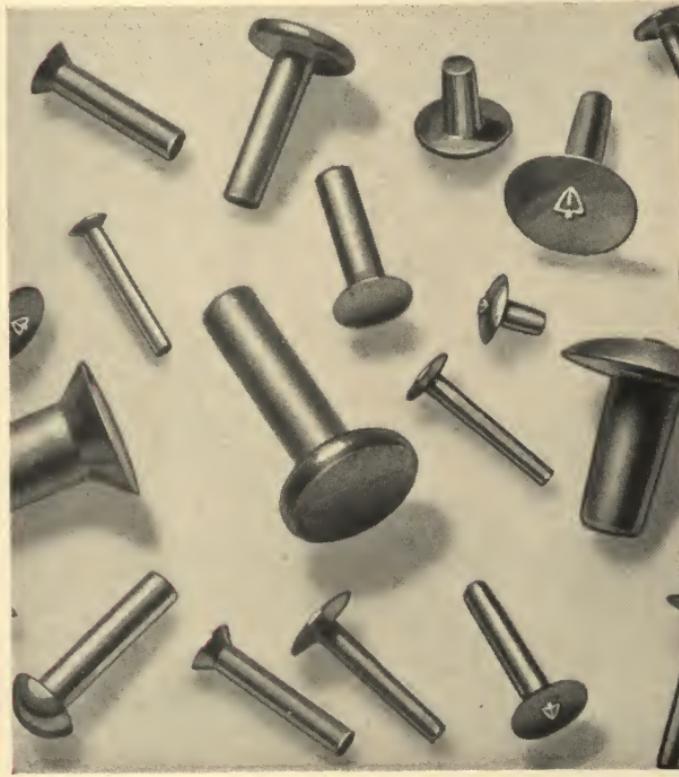
IN STOCK — FOR IMMEDIATE SHIPMENT

T. E. Conklin Brass & Copper Co.
Inc.

ESTABLISHED 1860



RIVETS & BURS



DATA

COPPER BELT RIVETS AND BURS

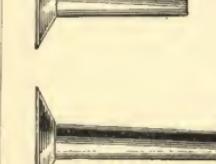
Packed in One Pound Papers—Sizes Not Listed Made to Order

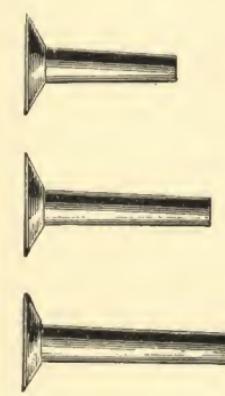
Size No.	4	5	6	7	8	9	10	11	12	13	14	15
Diameter of Head, in.	1.000	.812	.688	.563	.500	.469	.438	.406	.375	.344	.313	.250
Thickness of Head, in. ....	.110	.105	.090	.070	.063	.058	.055	.050	.045	.040	.030	.025
Diameter under head, in. ....	.270	.250	.235	.191	.181	.161	.151	.141	.137	.118	.102	.090
Diameter, Tip of Shank, in. ....	.255	.222	.205	.175	.165	.145	.137	.127	.123	.105	.092	.085

Length over all, in.

	Number of pieces per pound.	Dark figures indicate sizes regularly carried in stock.				
1/4	128	313	386	525	871	1263
3/8	93	206	302	412	702	934
1/2	143	208	256	304	528	755
5/8	127	150	216	224	422	579
3/4	112	133	160	192	287	490
7/8	64	99	120	143	216	360
1	43	57	89	105	165	244
34	39	54	80	94	129	190
1 1/8	37	54	80	94	147	170
1 1/4	29	35	49	74	115	136
1 3/8	33	47	68	81	108	121
1 1/2	30	42	62	75	98	116
					104	93

Dark figures indicate sizes regularly carried in stock.





FLAT HEAD COPPER TINNERS' RIVETS

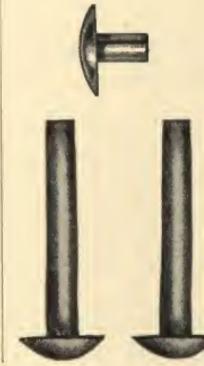


Size—Lbs. per M.....	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6
Diameter of Shank, inches.....	.092	.101	.115	.120	.125	.140	.148	.160	.163	.173	.186	.200
Length under Head, inches.....	5/32	3/16	13/64	7/32	17/64	45/64	9/32	5/16	21/64	3/8	3/8	25/64
Number of Pieces per Pound.....	1223	873	873	738	642	451	375	308	288	232	182	150

OVAL HEAD COPPER TRUNK RIVETS

(Packed in One Pound Papers—Sizes Not Listed Made to Order.)

Size	Length Under Head, inches	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
No.	Diameter of Head	Diameter under Head	Diameter Tip of Shank									
9	.406	.161	.145	247	215	178	162	141	130	116	98	74
12	.347	.137	.123	411	342	284	248	219	205	176	147	126

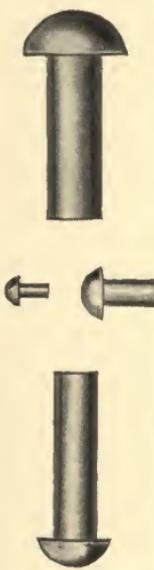


Number of pieces per pound.
Dark figures indicate sizes regularly carried in stock.

Variations from these figures must be expected in practice.

ROUND HEAD BRASS RIVETS

1-Pound Cartons



Variations from these figures must be expected in practice.

SPECIAL COPPER, BRASS, BRONZE, NICKEL SILVER AND EVERDUR

RIVETS, BURS AND WASHERS

Tools are maintained for producing Round, Oval, Flat, Pan, Truss, Countersunk and Cone Head Rivets in diameters of $\frac{1}{16}$ " up to and including $\frac{3}{4}$ " and in lengths of from $\frac{1}{8}$ " up to and including $4\frac{1}{4}$ " depending on the size of the shank.
A minimum quantity of 25 pounds is required when filling orders for Special Rivets not carried in stock.

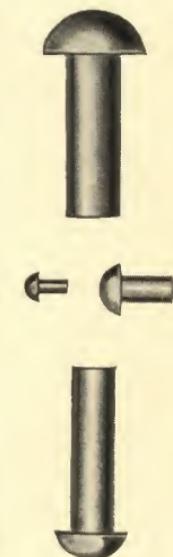
Everdur and Nickel Silver Washers for industrial purposes will be furnished to order in all commercial sizes and gauges. Rivets in special sizes and styles to match Architectural Bronze shapes and sheets will

Tinned Rivets for electrical purposes furnished on order.

ROUND HEAD COPPER RIVETS

1-Pound Cartons

Length under Head, inches



Diameter of Shank, inches	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
3/32	1440	1280	1120	372	319	271	230	205	170	150	130	115
1/8	585	.....	448	.....	180	144	126	112	100	90	64	57
3/16	225	.....	.....	.....	78	74	65	57	50	45	38	30
1/4	90	.....	.....	.....	46	42	37	33	30	28	24	21
5/16	.....	.....	.....	.....	27	24	22	20	18	16	14	12
3/8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	11

Number of pieces per pound.
Dark figures indicate sizes regularly carried in stock.

100-Pound Kegs

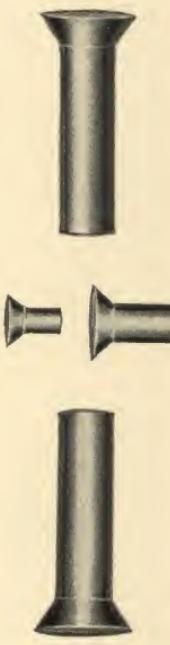
Diameter of Shank, inches	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
3/32	1440	1280	1120	372	319	271	230	205	170	150	130	115
1/8	585	.....	448	.....	180	144	126	112	100	90	64	57
3/16	225	.....	.....	.....	78	74	65	57	50	45	38	30
1/4	90	.....	.....	.....	46	42	37	33	30	28	24	21
5/16	.....	.....	.....	.....	27	24	22	20	18	16	14	12
3/8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	11

100-Pound Kegs

FLAT COUNTERSUNK HEAD COPPER RIVETS

1-Pound Cartons

Length over all, inches	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4
Diameter of Shank, inches	1/8	3/16	1/4	5/16	3/8	7/16	11/16	13/16	15/16	1 1/16
1/8	670	509	407	342	290	254	225	185	157	135
3/16	260	200	165	140	120	106	95	80	67	60
1/4	165	125	100	83	71	62	56	46	39	35
5/16	.....	50	60	44	38	35	33	26	22	20
3/8	.....	38	32	28	25	23	22	18	15	13



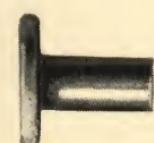
100-Pound Kegs

Number of pieces per pound.
Dark figures indicate sizes regularly carried in stock.

FLAT HEAD COPPER BRAZIERS' RIVETS

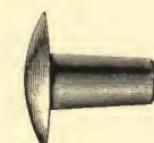
Size—Length under Head, inches	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Diameter of Shank, Inches	Diameter of Head, Inches										
3/16	1 1/16	1 1/8	1 1/4	1 5/8	1 11/16	1 13/16	1 15/16	1 31/32	1 15/16	1 11/8	2
1/4	2 1/16	2 1/8	2 1/4	2 5/8	2 11/16	2 13/16	2 15/16	2 31/32	2 15/16	2 11/8	2 1/2
5/16	3 1/16	3 1/8	3 1/4	3 5/8	3 11/16	3 13/16	3 15/16	3 31/32	3 15/16	3 11/8	3 1/2
3/8	4 1/16	4 1/8	4 1/4	4 5/8	4 11/16	4 13/16	4 15/16	4 31/32	4 15/16	4 11/8	4 1/2
1/2	5 1/16	5 1/8	5 1/4	5 5/8	5 11/16	5 13/16	5 15/16	5 31/32	5 15/16	5 11/8	5 1/2

Number of pieces per pound.
Dark figures indicate sizes regularly carried in stock.



OVAL HEAD COPPER BRAZIERS' RIVETS

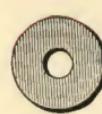
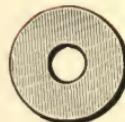
Size or No.	00	0	1	2	3	4	5	6	7	8	9	10
Diameter of Head, inches . . .	7/16	1/2	5/8	23/32	3/4	7/8	15/16	1	1 1/8	1 1/4	1 3/8	1 1/2
Dia. of Shank Under Head, in.	11/16	3/16	1/4	9/32	19/64	11/32	29/64	25/64	7/16	17/32	5/8	21/32
Diameter of Shank, at tip, in.	11/64	7/32	15/64	17/64	5/16	11/32	23/64	25/64	1/2	19/32	5/8	21/32
Lgth. of Shank Under Head, in.	5/16	3/8	1/2	5/8	11/16	3/4	13/16	15/16	1 1/8	1 1/4	1 1/4	1 1/4
Pieces per Pound	229	141	65	45	39	25	20	17	13	7	4-5	4-5



Variations from these figures must be expected in practice.

COPPER BURS

In 1-Pound Cartons



No.	Diameter Outside	Diameter Inside	Thickness	Number to the Pound
3	$\frac{59}{64}$ "	.290"	.081"	64
4	$\frac{7}{8}$ "	.256"	.071"	76
5	$\frac{13}{16}$ "	.223"	.064"	89
6	$\frac{21}{32}$ "	.206"	.057"	184
7	$\frac{1}{2}$ "	.177"	.050"	358
8	$\frac{15}{32}$ "	.166"	.045"	465
9	$\frac{7}{16}$ "	.146"	.040"	571
10	$\frac{13}{32}$ "	.138"	.036"	750
11	$\frac{25}{64}$ "	.128"	.031"	915
12	$\frac{23}{64}$ "	.124"	.028"	1243
13	$\frac{11}{32}$ "	.106"	.025"	1400
14	$\frac{5}{16}$ "	.093"	.022"	2071
15	$\frac{9}{32}$ "	.086"	.020"	3270



COPPER "NAIL BURS"

No.	Diameter Outside	Diameter Inside	Thickness	Number to the Pound
9	$\frac{7}{16}$ "	.149"	.040"	611
10	$\frac{13}{32}$ "	.135"	.036"	771
11	$\frac{25}{64}$ "	.121"	.031"	954
12	$\frac{23}{64}$ "	.110"	.028"	1273
13	$\frac{11}{32}$ "	.096"	.025"	1564



COPPER WASHERS



Size of Machine Screw or Bolt	Diameter Outside	Diameter Inside	Thickness	List Price Per Pound	Approx. Number to the Pound
$\frac{3}{16}$ "	$\frac{1}{2}$ "	.195"	.040"	\$0.80	480
$\frac{1}{4}$ "	$\frac{11}{16}$ "	.260"	.051"	.75	210
$\frac{5}{16}$ "	$\frac{7}{8}$ "	$\frac{11}{32}$ "	.064"	.75	103
$\frac{3}{8}$ "	1"	.385"	.081"	.70	51
$\frac{1}{2}$ "	$1\frac{3}{8}$ "	$\frac{9}{16}$ "	.091"	.70	29
$\frac{5}{8}$ "	$1\frac{5}{8}$ "	$1\frac{1}{16}$ "	.091"	.70	21
$\frac{3}{4}$ "	2"	$1\frac{3}{16}$ "	.125"	.70	10
$\frac{7}{8}$ "	$2\frac{3}{8}$ "	$1\frac{5}{16}$ "	.144"	.70	6
1"	$2\frac{1}{2}$ "	$1\frac{1}{16}$ "	.144"	.70	$5\frac{3}{4}$



BRASS WASHERS

SMALL PATTERN



Size of Machine Screw or Bolt	Outside Dia. Inches	Inside Dia. Inches	Thickness Inches	List Price per Pound	Approx. Number to the Pound
No. 3	$\frac{1}{4}$	.101	.020	\$2.00	4000
No. 4	$\frac{9}{32}$	.125	.025	1.50	2500
No. 6	$\frac{3}{8}$	.150	.032	1.00	1170
No. 8	$\frac{3}{8}$	.170	.032	1.00	1100
No. 10	$\frac{1}{16}$	.195	.036	.90	760
No. 12	$\frac{1}{2}$	.228	.040	.80	525
No. 14	$\frac{9}{16}$	.260	.040	.80	420
No. 16	$\frac{5}{8}$	.285	.040	.75	340
No. 18	$1\frac{1}{16}$	$\frac{5}{16}$	.051	.75	230
No. 20	$\frac{3}{4}$	$1\frac{1}{32}$	.064	.75	150
No. 24	$\frac{7}{8}$	.385	.064	.75	110

LARGE PATTERN

Size of Machine Screw or Bolt	Outside Dia. Inches	Inside Dia. Inches	Thickness Inches	List Price per Pound	Approx. Number to the Pound
No. 8	$\frac{7}{16}$	.170	.036	\$0.90	725
No. 10	$\frac{1}{2}$	.195	.040	.80	480
No. 12	$\frac{9}{16}$	.228	.040	.80	380
No. 14	$1\frac{1}{16}$	.260	.051	.75	210
No. 16	$\frac{3}{4}$	.285	.064	.75	135
No. 18	$\frac{7}{8}$	$\frac{5}{16}$	.064	.75	100
No. 20	$\frac{7}{8}$	$1\frac{1}{32}$	.064	.75	103
No. 24	1	.385	.081	.70	64

BOLT SIZES

Size of Machine Screw or Bolt	Outside Dia. Inches	Inside Dia. Inches	Thickness Inches	List Price per Pound	Approx. Number to the Pound
$\frac{1}{8}$	$\frac{1}{4}$	.140	.025	\$1.00	3400
$\frac{3}{16}$	$\frac{1}{2}$	.195	.040	.80	480
$\frac{1}{4}$	$1\frac{1}{16}$	.260	.051	.75	210
$\frac{5}{16}$	$\frac{7}{8}$	$1\frac{1}{32}$	.064	.75	103
$\frac{3}{8}$	1	.385	.081	.70	64
$\frac{7}{16}$	$1\frac{3}{16}$	$\frac{1}{2}$	.081	.70	45
$\frac{1}{2}$	$1\frac{3}{8}$	$\frac{9}{16}$	.091	.70	29
$\frac{5}{8}$	$1\frac{5}{8}$	$1\frac{1}{16}$	.091	.70	21
$\frac{3}{4}$	2	$1\frac{3}{16}$	.125	.70	10
$\frac{7}{8}$	$2\frac{3}{8}$	$1\frac{5}{16}$	.144	.70	6
1	$2\frac{1}{2}$	$1\frac{1}{16}$	.144	.70	$5\frac{3}{4}$

The foregoing list represents only stock sizes. Dies are available for stamping washers of practically any dimension for delivery on short notice.

Discounts quoted upon application

**EVERDUR
FLAT WASHERS**



Bolt Size	Outside Diameter	Inside Diameter	Thickness Inches	List Price Per Hundred
No. 6	$\frac{3}{8}$ "	.150"	.032	\$.55
No. 8	$\frac{3}{8}$ "	.170"	.032	.60
No. 10	$\frac{7}{16}$ "	.195"	.036	.70
$\frac{1}{4}$ "	$\frac{5}{8}$ "	$\frac{9}{32}$ "	.051	.95
$\frac{5}{16}$ "	$\frac{13}{16}$ "	$\frac{11}{32}$ "	.064	1.90
$\frac{3}{8}$ "	1"	$\frac{7}{16}$ "	.064	2.75
$\frac{7}{16}$ "	$1\frac{1}{4}$ "	$\frac{1}{2}$ "	.064	4.90
$\frac{1}{2}$ "	$1\frac{3}{8}$ "	$\frac{9}{16}$ "	.081	7.10
$\frac{5}{8}$ "	$1\frac{5}{8}$ "	$\frac{11}{16}$ "	.102	13.00
$\frac{3}{4}$ "	2"	$\frac{13}{16}$ "	.114	20.00
$\frac{7}{8}$ "	$2\frac{1}{4}$ "	$\frac{15}{16}$ "	.128	30.00
1"	$2\frac{1}{2}$ "	$1\frac{1}{16}$ "	.128	38.00
$1\frac{1}{4}$ "	3"	$1\frac{3}{8}$ "	.125	54.00

"KANTLINK" EVERDUR LOCK WASHERS



Bolt Size	Section		List Price Per Thousand
	Width Inches	Thickness Inches	
No. 6	$\frac{5}{64}$ "	$\frac{1}{32}$ "	\$4.50
No. 8	$\frac{5}{64}$ "	$\frac{3}{64}$ "	5.40
No. 10	$\frac{3}{32}$ "	$\frac{3}{64}$ "	7.20
$\frac{1}{4}$ "	$\frac{3}{32}$ "	$\frac{1}{16}$ "	9.90
$\frac{5}{16}$ "	$\frac{1}{8}$ "	$\frac{1}{16}$ "	13.80
$\frac{3}{8}$ "	$\frac{1}{8}$ "	$\frac{3}{32}$ "	21.00
$\frac{7}{16}$ "	$\frac{5}{32}$ "	$\frac{1}{8}$ "	36.00
$\frac{1}{2}$ "	$1\frac{1}{64}$ "	$\frac{1}{8}$ "	45.00
$\frac{5}{8}$ "	$1\frac{13}{64}$ "	$\frac{5}{32}$ "	94.20
$\frac{3}{4}$ "	$\frac{1}{4}$ "	$\frac{3}{16}$ "	150.00

Discounts quoted upon application

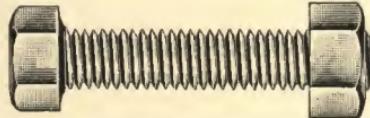


EVERDUR MACHINE BOLTS

American Standard

Cold Headed

Rolled Threads

Hex Head and Hex Nut
LIST PRICE PER HUNDRED

Diameter Head	$\frac{3}{8}''$	$\frac{1}{2}''$	$\frac{9}{16}''$	$\frac{3}{4}''$	$\frac{15}{16}''$
Head Height	$1\frac{1}{64}''$	$1\frac{3}{64}''$	$\frac{1}{4}''$	$2\frac{1}{64}''$	$2\frac{7}{64}''$
Diameter of Bolt	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{1}{2}''$	$\frac{5}{8}''$
Length Under Head	$\frac{3}{4}''$	\$10.15	\$13.10	\$18.90	\$33.25
1 "	10.45	13.85	19.55	33.85	\$57.65
$1\frac{1}{4}''$	10.75	14.35	20.15	34.80	.....
$1\frac{1}{2}''$	11.05	14.80	20.80	36.05	60.80
$1\frac{3}{4}''$	....	15.35	21.65	37.60	63.30
2 "	12.00	15.95	22.50	39.15	65.85
$2\frac{1}{4}''$	....	....	....	40.70	.....
$2\frac{1}{2}''$	....	17.05	24.20	42.25	70.85
$2\frac{3}{4}''$	....	....	25.05	43.80	.....
3 "	....	18.20	25.90	45.35	75.90
$3\frac{1}{2}''$	....	....	....	48.40	80.95
4 "	....	....	....	51.60	.....

Note—Bolts shorter than 2 in., threaded over entire length.
Longer bolts have thread running $1\frac{1}{2}$ in. long.

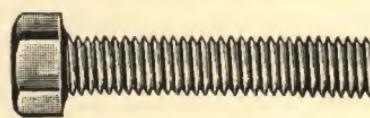
All bolts made from rolled thread dimension stock.
Nuts will be included unless otherwise specified.

HEX HEAD EVERDUR CAP SCREWS

Cold Headed

Rolled Threads

American Standard

Threaded Over Entire Length
LIST PRICE PER HUNDRED

Diameter Head	$\frac{3}{8}''$	$\frac{1}{2}''$	$\frac{9}{16}''$	$\frac{3}{4}''$	$\frac{15}{16}''$
Head Height	$1\frac{1}{64}''$	$1\frac{3}{64}''$	$\frac{1}{4}''$	$2\frac{1}{64}''$	$2\frac{7}{64}''$
Diameter of Screw	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{1}{2}''$	$\frac{5}{8}''$
Length Under Head	$\frac{3}{4}''$	\$5.40	\$5.85	\$9.45	\$18.25
1 "	5.70	6.60	10.10	18.85	\$30.85
$1\frac{1}{4}''$	6.00	7.10	10.70	19.80	.....
$1\frac{1}{2}''$	6.30	7.55	11.35	21.05	34.00
$1\frac{3}{4}''$	....	8.10	12.20	22.60	36.50
2 "	7.25	8.70	13.05	24.15	39.05

All cap screws made from rolled thread dimension stock.

Discount quoted upon application

EVERDUR LAG SCREWS

Square Head, Gimlet Point



LIST PRICE PER HUNDRED

Length Under Head Inches	Diameter of Screw		
	3/8"	1/2"	5/8"
2	\$13.25	\$17.75	.....
2½	14.20	.....	.....
3	15.00	20.00	.....
3½	15.80	.....	.....
4	16.60	22.40	.....
4½	17.40	23.60	.....
5	18.20	24.80	\$38.00
6	19.80	27.40	42.00

EVERDUR HANGER SCREWS



With Hexagon Nuts

PRICE PER HUNDRED

Length Over All Inches	Diameter of Screw			
	3/8"	1/2"	5/8"	3/4"
3	\$17.00	\$23.20	.....	.....
3½	17.80	.....	.....	.....
4	18.60	25.60	.....	.....
5	20.20	28.00	\$40.00	\$56.40
6	.....	.....	44.00	62.20

Discounts quoted upon application

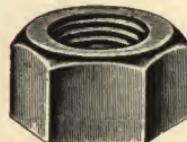
U. S. S. HEXAGON BRASS NUTS



Tapped U.S.S. Thread

Bolt Diameter	U.S.S. Standard			List Price Per Hundred	
	Threads Per Inch	Width (Inches)	Thickness (Inches)	Milled	Cast
$\frac{3}{16}''$	24	$\frac{3}{8}''$	$\frac{3}{16}''$	\$1.60	....
$\frac{1}{4}''$	20	$\frac{1}{2}''$	$\frac{1}{4}''$	2.40	....
$\frac{5}{16}''$	18	$\frac{19}{32}''$	$\frac{5}{16}''$	3.20	....
$\frac{3}{8}''$	16	$\frac{11}{16}''$	$\frac{3}{8}''$	5.20	....
$\frac{7}{16}''$	14	$\frac{25}{32}''$	$\frac{7}{16}''$	7.20	....
$\frac{1}{2}''$	13	$\frac{7}{8}''$	$\frac{1}{2}''$	9.60	\$5.00
$\frac{5}{8}''$	11	$1\frac{1}{16}''$	$\frac{5}{8}''$	17.00	8.75
$\frac{3}{4}''$	10	$1\frac{1}{4}''$	$\frac{3}{4}''$	27.00	12.00
$\frac{7}{8}''$	9	$1\frac{7}{16}''$	$\frac{7}{8}''$	45.00	18.00
$1''$	8	$1\frac{5}{8}''$	$1''$	68.00	25.00
$1\frac{1}{8}''$	7	$1\frac{13}{16}''$	$1\frac{1}{8}''$	....	37.50
$1\frac{1}{4}''$	7	2"	$1\frac{1}{4}''$	....	50.00

American Standard & S.A.E. milled from bar brass nuts can be furnished from factory stock.

AMERICAN STANDARD
SEMI-FINISHED
EVERDUR HEX NUTS

Tapped U. S. Standard Thread

Bolt Diameter	Threads Per Inch	Width	Thickness	List Price Per Hundred
$\frac{1}{4}''$	20	$\frac{7}{16}''$	$\frac{7}{32}''$	\$3.25
$\frac{5}{16}''$	18	$\frac{9}{16}''$	$\frac{1}{4}''$	5.25
$\frac{3}{8}''$	16	$\frac{5}{8}''$	$\frac{5}{16}''$	6.30
$\frac{7}{16}''$	14	$\frac{3}{4}''$	$\frac{3}{8}''$	11.00
$\frac{1}{2}''$	13	$1\frac{13}{16}''$	$\frac{7}{16}''$	14.25
$\frac{5}{8}''$	11	1"	$\frac{9}{16}''$	28.50
$\frac{3}{4}''$	10	$1\frac{3}{16}''$	$\frac{5}{8}''$	43.00
$\frac{7}{8}''$	9	$1\frac{5}{16}''$	$\frac{49}{64}''$	80.00
$1''$	8	$1\frac{1}{2}''$	$\frac{7}{8}''$	97.50

U. S. S. HEX. CAST EVERDUR NUTS

$1\frac{1}{4}''$	7	2"	$1\frac{1}{4}''$	175.00
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Discount quoted upon application

BRASS MACHINE SCREWS

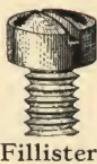
American Standard



Round



Flat



Fillister

List of April 2, 1928

Price Per Gross

Threads per Inch	Coarse Fine	Diameter	Length	56	48	40	32	36	32	24	28	20	28	18	24	16	24	13
				64	56	48	40	36	32	28	24	20	12	10	8	6	4	2
1/8"	.28	.34	.40	.52	.54	.42	.58	.76	.70	.95	.60	.60	.230	.240	.460			
5/16"	.30	.36	.44	.46	.48	.42	.58	.82	.62	.88	.125	.125	.170	.180	.250	.480		
3/16"	.32	.38	.44	.40	.42	.48	.54	.70	.66	.94	.135	.135	.190	.200	.265	.500		
1/4"	.34	.40	.46	.40	.42	.44	.50	.76	.62	.94	.102	.102	.145	.150	.220	.400		
7/16"	.36	.42	.48	.42	.44	.44	.54	.76	.62	.92	.120	.120	.175	.180	.295	.540		
1/2"	.38	.44	.50	.46	.48	.54	.62	.82	.68	.90	.130	.130	.190	.200	.315	.580		
5/8"	.40	.46	.52	.44	.52	.52	.62	.82	.66	.90	.145	.145	.205	.210	.345	.630		
3/4"	.44	.52	.62	.52	.58	.68	.80	.90	.66	.74	.110	.110	.160	.160	.280	.375		
7/8"	.50	.58	.68	.52	.56	.66	.74	.82	.66	.82	.130	.130	.175	.175	.335	.405		
1 1/8"	.56	.66	.74	.56	.62	.72	.82	.90	.66	.90	.145	.145	.190	.190	.325	.435		
1 1/4"	.62	.72	.80	.62	.66	.76	.86	.94	.66	.94	.160	.160	.215	.215	.375	.495		
1 1/2"	.68	.78	.86	.68	.72	.82	.92	.98	.68	.98	.175	.175	.235	.235	.405	.535		
1 3/4"	.74	.84	.92	.74	.78	.88	.98	.98	.78	.98	.190	.190	.255	.255	.435	.565		
2"	.80	.90	.98	.80	.84	.94	.98	.98	.80	.98	.205	.205	.270	.270	.475	.605		
2 1/4"	.86	.96	.98	.86	.90	.98	.98	.98	.86	.98	.220	.220	.285	.285	.525	.655		
2 1/2"	.92	.98	.98	.92	.96	.98	.98	.98	.92	.98	.235	.235	.300	.300	.575	.705		
2 3/4"	.98	.98	.98	.98	.98	.98	.98	.98	.98	.98	.345	.345	.475	.475	.735	.865		
3"											3.80	3.80	5.25	5.25	8.00	13.70	19.50	38.15
											4.15	4.15	6.75	6.75	8.65	14.90	21.60	40.65

Lengths, diameters and threads not listed are special, but are furnished to the extent they may be in stock, or when required in sufficient quantities of a size to warrant being made to order.

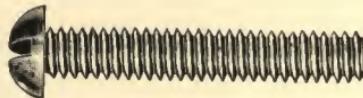
*Machine Screws $\frac{1}{2}$ " diameter furnished only with Flat or Round Head, Coarse Thread.

“EVERDUR” BRONZE MACHINE SCREWS

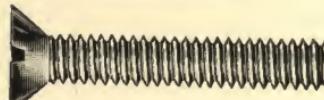
American Standard
Round and Flat Head

List of April 2, 1928

Price Per Gross



Round Head



Flat Head

LIST PRICE PER GROSS

Length in Inches	Size of Thread					
	6-32	8-32	10-24	10-32	1/4"-20	5/16"-18
1/4	\$.58	\$.76	.....	.....	.....	.....
5/16	.62	.82	.....	.....	.....	.....
3/8	.66	.88	\$1.25	\$1.25	\$2.40	.....
1/2	.76	1.02	1.45	1.45	2.65	\$5.00
5/8	.92	1.20	1.75	1.75	2.95	5.40
3/4	1.00	1.30	1.90	1.90	3.15	5.80
7/8	.....	1.45	2.05	.....	3.45	6.30
1	1.20	1.60	2.20	2.20	3.75	6.80
1 1/4	.....	.....	2.55	2.55	4.35	7.80
1 1/2	.....	.....	2.90	2.90	4.95	8.50
1 3/4	.....	.....	.....	.....	5.55	.....
2	.....	.....	.....	.....	6.15	10.40

HEXAGON EVERDUR
MACHINE SCREW NUTSSINGLE
CHAMFEREDHEAVY
PATTERN

Single Gross Packages

Size of Thread	Dimensions		List Price	
	Diameter	Thickness	Per Gross	Per Thousand
6-32	5/16"	7/64"	\$1.08	\$7.50
8-32	11/32"	1/8"	1.30	9.00
10-24	3/8"	1/8"	1.73	12.00
10-32	3/8"	1/8"	1.73	12.00
1/4"-20	7/16"	3/16"	2.81	19.50
5/16"-18	9/16"	1/32"	6.05	42.00

Special sizes made to order in quantities

Discount quoted upon application

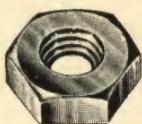
BRASS MACHINE SCREW NUTS

American Standard

Square



Hexagon



List of November 1, 1934

BRASS

Hexagon

No.	Threads	Price per Gross	No.	Threads	Price per Gross
2	56,64	.95	10	24,32	1.40
3	48,56	.95	12	24,28	2.40
4	40,48	.80	$\frac{1}{4}$ "	20,28	2.80
5	40,44	1.00	$\frac{5}{16}$ "	18,24	5.70
6	32,40	1.00	$\frac{3}{8}$ "	16,24	7.80
8	32,36	1.25	...	....	.....

BRASS

Square

No.	Threads	Price per Gross	No.	Threads	Price per Gross
2	56,64	.95	10	24,32	1.40
3	48,56	.95	12	24,28	2.40
4	40,48	.80	$\frac{1}{4}$ "	20,28	2.80
5	40,44	1.00	$\frac{5}{16}$ "	18,24	5.70
6	32,40	1.00	$\frac{3}{8}$ "	16,24	7.80
8	32,36	1.25	...	....	.....

SIZES AND DIMENSIONS OF STANDARD MACHINE SCREW NUTS

No.	Threads	Across Flats	Thickness
2	56,64	$\frac{3}{16}$ "	$\frac{1}{16}$ "
3	48,56	$\frac{3}{16}$ "	$\frac{1}{16}$ "
4	40,48	$\frac{1}{4}$ "	$\frac{3}{32}$ "
5	40,44	$\frac{5}{16}$ "	$\frac{7}{64}$ "
6	32,40	$\frac{5}{16}$ "	$\frac{7}{64}$ "
8	32,36	$1\frac{1}{32}$ "	$\frac{1}{8}$ "
10	24,32	$\frac{3}{8}$ "	$\frac{1}{8}$ "
12	24,28	$\frac{7}{16}$ "	$\frac{5}{32}$ "
$\frac{1}{4}$ "	20,28	$\frac{7}{16}$ "	$\frac{3}{16}$ "
$\frac{5}{16}$ "	18,24	$\frac{9}{16}$ "	$\frac{7}{32}$ "
$\frac{3}{8}$ "	16,24	$\frac{5}{8}$ "	$\frac{1}{4}$ "

Discounts quoted upon application

BRASS WOOD SCREWS



List of Nov. 20, 1935

List Price Per Gross

$\frac{1}{4}$ in.	$\frac{3}{8}$ in.	$\frac{1}{2}$ in.	$\frac{5}{8}$ in.	$\frac{3}{4}$ in.
No. \$	No. $	No. $	No. $	No. $
0 .64	0 .66	1 .78	2 .90	2 1.00
1 .66	1 .70	2 .84	3 1.00	3 1.10
2 .70	2 .76	3 .90	4 1.10	4 1.20
3 .76	3 .82	4 .98	5 1.25	5 1.35
4 .86	4 .90	5 1.10	6 1.40	6 1.50
.....	5 .98	6 1.25	7 1.60	7 1.75
.....	6 1.10	7 1.45	8 1.80	8 2.00
.....	.....	8 1.65	9 2.05	9 2.25
.....	.....	.....	10 2.30	10 2.50
.....	.....	.....	.....	11 2.75
.....	.....	.....	.....	12 3.10

$\frac{7}{8}$ in.	1 in.	$1\frac{1}{4}$ in.	$1\frac{1}{2}$ in.	$1\frac{3}{4}$ in.
No. \$	No. \$	No. \$	No. \$	No. \$
4 1.40	4 1.50	6 2.20	6 2.45	8 3.65
5 1.55	5 1.65	7 2.50	7 2.80	9 4.10
6 1.75	6 1.85	8 2.80	8 3.20	10 4.60
7 2.00	7 2.15	9 3.20	9 3.60	11 5.20
8 2.25	8 2.40	10 3.60	10 4.00	12 5.85
9 2.50	9 2.70	11 4.00	11 4.55	14 7.40
10 2.75	10 3.00	12 4.45	12 5.10	.....
11 3.10	11 3.35	14 5.75	14 6.50	.....
12 3.45	12 3.80	.....	.....	.....
.....	14 4.90	.....	.....	.....

2 in.	$2\frac{1}{4}$ in.	$2\frac{1}{2}$ in.	3 in.	$3\frac{1}{2}$ in.
No. \$	No. \$	No. \$	No. \$	No. \$
8 4.00	10 5.60	10 6.20	12 9.15	12 11.20
9 4.50	11 6.35	11 7.00	14 11.20	14 13.25
10 5.10	12 7.15	12 7.80	16 14.40	16 16.65
11 5.75	14 9.00	14 9.85	18 17.65	18 20.20
12 6.55	16 11.35	16 12.50	.....	.....
14 8.15	18 13.60	18 15.10	.....	.....
16 10.30	.....	.....	.....	.....
18 12.45	.....	.....	.....	.....

FLAT HEAD "EVERDUR"

BRONZE WOOD SCREWS



List of Nov. 20, 1935

List Price Per Gross

$\frac{1}{2}$ in.	$\frac{5}{8}$ in.	$\frac{3}{4}$ in.	$\frac{7}{8}$ in.	1 in.
No. \$	No. \$	No. \$	No. \$	No. \$
4 .98	5 1.25	6 1.50	8 2.25	6 1.85
.....	7 1.75	.....	7 2.15
.....	8 2.00	.....	8 2.40
.....	10 2.50	.....	9 2.70
.....	10 3.00
.....	12 3.80

$1\frac{1}{4}$ in.	$1\frac{1}{2}$ in.	$1\frac{3}{4}$ in.	2 in.	$2\frac{1}{4}$ in.
No. \$	No. \$	No. \$	No. \$	No. \$
6 2.20	7 2.80	8 3.65	9 4.50	12 7.15
7 2.50	8 3.20	9 4.10	10 5.10	14 9.00
8 2.80	9 3.60	10 4.60	12 6.55	16 11.35
9 3.20	10 4.00	12 5.85	14 8.15	.....
10 3.60	12 5.10	14 7.40	16 10.30	.....
12 4.45	14 6.50	.....	18 12.45	.....
.....	16 7.95	.....	.....	.....

$2\frac{1}{2}$ in.	$2\frac{3}{4}$ in.	3 in.	$3\frac{1}{2}$ in.	
No. \$	No. \$	No. \$	No. \$	
10 6.20	12 9.15	10 9.15	14 13.25	Round and oval head
12 7.80	16 14.40	12 9.15	18 20.20	Everdur screws made on special order only.
14 9.85	.....	14 11.20	.....
16 12.50	.....	16 14.40	.....
18 15.10	.....	18 17.65	.....
.....	.....	20 20.60	.....
.....	.....	24 26.90	.....

NOTICE

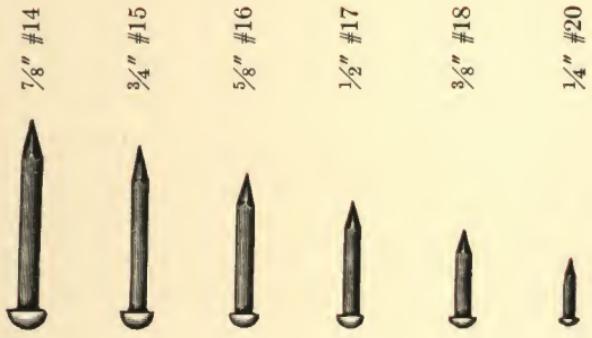
Steel, Brass and "Everdur" Wood Screws

Lengths and diameters not listed are specials; but are furnished to the extent that they may be in stock, or when required in sufficient quantities of a size to warrant being made to order. Such non-listed lengths and diameters take the list prices of the next longer or larger listed sizes.

TECCO BRAND BRASS ESCUTCHEON PINS

Packed 1-Pound Net in Cartons and Sealed

	List Price per Pound												
Length Inches	3/16"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1 1/4"	1 1/2"	1 3/4"	2"	Actual Dia.
No. 10	\$.85	\$.80	\$.78	\$.76	\$.75	\$.74	\$.72	\$.72	\$.72	\$.72	\$.72	\$.72	.134"
No. 11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.120"
No. 12	\$1.15	.95	.87	.84	.82	.80	.78	.76	.....	.....	.....	.....	.109"
No. 13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.095"
No. 14	\$1.50	1.20	1.03	.98	.93	.90	.87	.84	.80	.78	.76	.....	.083"
No. 15	1.60	1.25	1.00	.96	.92	.88	.85	.....	.....	.....	.....	.....	.072"
No. 16	1.75	1.45	1.20	1.10	1.03	.99	.96	.94	.90	.88	.....	.....	.065"
No. 17	2.00	1.60	1.40	1.25	1.17	1.10	1.04	1.00	.....	.....	.....	.....	.058"
No. 18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.049"
No. 19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.042"
No. 20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.035"
No. 21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.032"
No. 22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.0295"



The above prices are all list and are subject to a trade discount. Minimum quantity one pound per item.

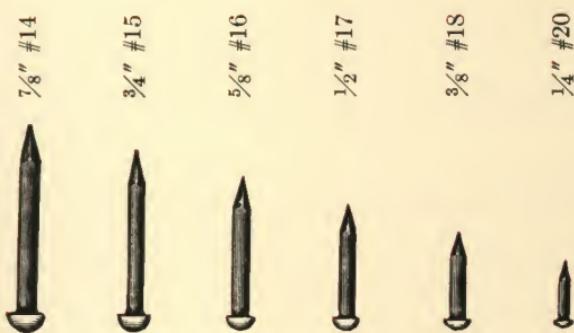
Our facilities enable us to make especially for you any size escutcheon pin, Brass, Bronze, Nickel Silver or Copper.

TECCO BRAND BRASS ESCUTCHEON PINS

Number of Brass Escutcheon Pins in a Pound

Length Inches	$\frac{1}{4}''$	$\frac{3}{8}''$	$\frac{1}{2}''$	$\frac{5}{8}''$	$\frac{3}{4}''$	$\frac{7}{8}''$	1"	$1\frac{1}{4}''$	$1\frac{1}{2}''$	$1\frac{3}{4}''$	2"
No. 10	608	424	448	296	256	217	196	210	150	140	107
No. 11	728	568	468	360	312	290	260	247	187	151	137
No. 12	848	720	650	460	416	400	336	272	212	192	170
No. 13	1440	1120	948	672	528	480	400	380	320	229	220
No. 14	1875	1312	1100	950	830	692	600	432	378	320	272
No. 15	2440	1820	1376	1152	960	888	720	576	580	432	400
No. 16	3100	2240	1720	1460	1275	1130	980	720	592	578	464
No. 17	3540	2700	2076	1812	1500	1185	1051	928	800	640	...
No. 18	4972	3175	2550	2450	2200	1740	1520	1216	960	...	...
No. 19	7303	5140	4130	3565	2900	...	...	...	...	...	...
No. 20	9932	8419	6374	5500	4155	...	...	...	...	...	...

Wire Gauge No. in Stubs



$\frac{7}{8}''$ #14

$\frac{3}{4}''$ #15

$\frac{5}{8}''$ #16

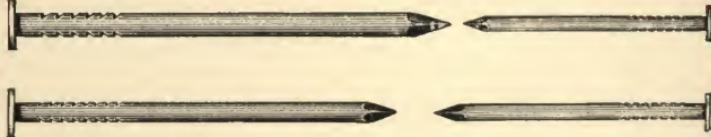
$\frac{1}{2}''$ #17

$\frac{3}{8}''$ #18

$\frac{1}{4}''$ #20

REGULAR COPPER WIRE NAILS

5-Pound Cartons—25-Pound Cartons—100 Pound Kegs
(Sizes Correspond with Steel Wire Nails)



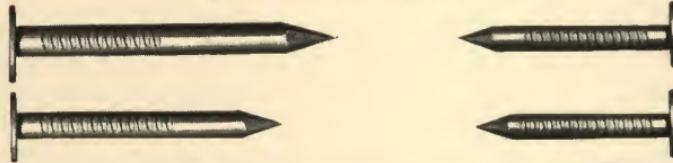
Length	Gauge in Stubs	Approx. No. to Lb.	Advance Over Base Price	Length	Gauge in Stubs	Approx. No. to Lb.	Advance Over Base Price
5/8"	No. 16	1322	7 1/4 c.	2"	No. 11	124	1c.
3/4"	No. 16	1104	6 1/2 c.	2"	No. 10	103	3/4c.
3/4"	No. 15	907	5 1/2 c.	2 1/2"	No. 10	86	3/4c.
7/8"	No. 15	772	5c.	3"	No. 9	61	1/2c.
1"	No. 15	710	4 3/4 c.	3 1/2"	No. 8	41	1/2c.
1 1/4"	No. 14	414	3 3/4 c.	4"	No. 6	25	Base
1 1/2"	No. 12	270	1 3/4 c.	4 1/2"	No. 5	19	Base
1 3/4"	No. 12	184	1 3/4 c.	5"	No. 4	15	Base
1 3/4"	No. 11	149	1c.	6"	No. 2	8	Base

SPECIAL SIZES—COPPER WIRE NAILS

Length	Gauge in Stubs	Approx. No. to Lb.	Advance Over Base Price	Length	Gauge in Stubs	Approx. No. to Lb.	Advance Over Base Price
3/4"	No. 14	684	4 3/4 c.	2 1/4"	No. 9	78	1/2c.
7/8"	No. 12	320	2 3/4 c.	2 1/2"	No. 11	110	1c.
1"	No. 12	297	2 1/2 c.	2 1/2"	No. 8	56	1/2c.
1 1/4"	No. 15	575	4 1/2 c.	2 3/4"	No. 10	77	3/4c.
1 1/4"	No. 12	238	2 1/4 c.	3"	No. 10	73	3/4c.
1 1/4"	No. 11	201	1 1/2 c.	3"	No. 8	48	1/2c.
1 1/2"	No. 13	269	2 1/2 c.	3"	No. 6	31	Base
1 1/2"	No. 11	167	1c.	3 1/4"	No. 9	56	1/2c.
1 1/2"	No. 8	93	1/2c.	4"	No. 10	54	3/4c.
2"	No. 12	155	1 3/4 c.	4"	No. 8	35	1/2c.
2"	No. 8	68	1/2c.				

COPPER SLATING OR ROOFING NAILS

Regular Sizes (Large Heads)



Length	Gauge in Stubs	Approx. No. to Lb.	Advance Over Base Price	Length	Gauge in Stubs	Approx. No. to Lb.	Advance Over Base Price
1"	No. 12	289	2 1/2 c.	1 1/2"	No. 11	158	1c.
1 1/4"	No. 10	158	1 1/4 c.	1 1/2"	No. 12	207	1 3/4c.
1 1/4"	No. 11	197	1 1/2 c.	1 3/4"	No. 10	116	3/4c.
1 1/4"	No. 12	241	2 1/4 c.	2"	No. 10	102	3/4c.
1 1/2"	No. 10	129	3/4c.				

SPECIAL SIZES—COPPER SLATING NAILS

Length	Gauge in Stubs	Approx. No. to Lb.	Advance Over Base Price	Length	Gauge in Stubs	Approx. No. to Lb.	Advance Over Base Price
3/4"	No. 12	369	3 1/4 c.	2"	No. 12	156	1 3/4c.
7/8"	No. 12	328	2 3/4 c.	2 1/2"	No. 10	82	3/4c.
1 3/4"	No. 11	144	1c.	3"	No. 10	75	3/4c.

Our facilities enable us to make especially for the trade practically any size or style of nail within a reasonable period of time.

ESTABLISHED 1860

CUT COPPER NAILS

5-Pound Cartons

100-Pound Kegs



Length	Dwt.	Approx. No. to lb.	Advance over Base Price
$\frac{7}{8}''$	—	560	$\frac{1}{2}$ c.
1"	2	480	Base
$1\frac{1}{4}''$	3	320	Base
$1\frac{1}{2}''$	4	195	Base
$1\frac{3}{4}''$	5	160	Base
2"	6	96	Base
$2\frac{1}{4}''$	7	88	Base
$2\frac{1}{2}''$	8	64	Base
$2\frac{3}{4}''$	9	50	Base
3"	10	48	Base
$3\frac{1}{2}''$	16	29	Base

CUT COPPER SHEATHING NAILS

Packed in Bulk



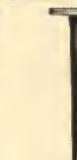
Length	Dwt.	Approximate Number to Lb.
1"	2	156
$1\frac{1}{4}''$	3	112
$1\frac{1}{2}''$	4	88

FLAT HEAD COPPER TACKS

1/4-Pound Packages

1-Pound Packages

100-Pound Kegs



Length	$\frac{1}{4}''$	$\frac{3}{8}''$	$\frac{1}{2}''$	$\frac{5}{8}''$	$\frac{3}{4}''$	$\frac{7}{8}''$	1"
Approx. No. to lb.	6400	2900	1675	1000	780	576	480
Ounce	2	3	6	10	14	18	22
Extras over base	\$.139	.084	.067	.059	.059	.059	.059

COPPER TACKS IN SPECIAL CARTONS

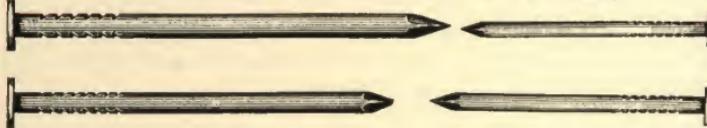
$\frac{3}{8}''$ & $\frac{7}{16}''$ Only

Packed in $\frac{1}{8}$ -lb. Papers; 12 Papers to a Carton

(Prices quoted upon application)

REGULAR "EVERDUR" BRONZE WIRE NAILS

(Sizes Correspond with Steel Wire Nails)



Length	Gauge in Stubs	Approx. No. to Lb.	Advance Over Base Price	Length	Gauge in Stubs	Approx. No. to Lb.	Advance Over Base Price
1"	No. 15	690	4 $\frac{3}{4}$ c	2 $\frac{1}{2}$ "	No. 10	83	$\frac{3}{4}$ c
1 $\frac{1}{4}$ "	No. 14	411	3 $\frac{3}{4}$ c	3"	No. 9	56	$\frac{1}{2}$ c
1 $\frac{1}{2}$ "	No. 12	195	1 $\frac{3}{4}$ c	3 $\frac{1}{2}$ "	No. 8	38	$\frac{1}{2}$ c
2"	No. 10	101	$\frac{3}{4}$ c	4"	No. 6	23	Base

COPPER STORM NAILS

For Asbestos and Composition Shingles



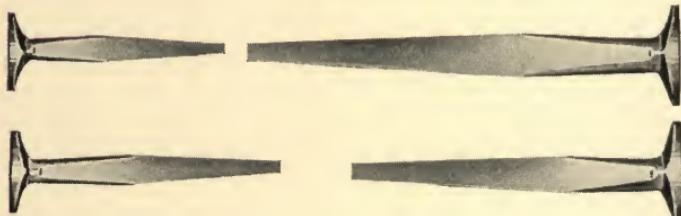
3/4"—14 Ga.

Length	Gauge in Stubs	Approx. No. to Pound
3/4"	No. 14	242

Note: Needle Point nails for asbestos and slate roofing furnished from the factory on special order at an advance of 1c. per pound.

YELLOW (MUNTZ) METAL SHEATHING NAILS

Packed in Bulk



Length	Dwt.	Approximate Number to Lb.
1"	2	200
1 $\frac{1}{4}$ "	3	130
1 $\frac{1}{2}$ "	4	100
1 $\frac{3}{4}$ "	5	88
2"	6	76

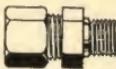
Prices quoted upon application

ESTABLISHED 1860

SOLDERLESS BRASS COMPRESSION FITTINGS

For Connections on Copper and Brass Tubing
LIST PRICE PER 100 PIECES ASSEMBLED
(Including Nuts and Sleeves)

No. 701
Compression Union



Compression on one end, Male Pipe Thread on other end

O.D. Tube	$\frac{1}{8}''$	$\frac{3}{16}''$	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{3}{8}''$	$\frac{1}{2}''$	$\frac{5}{8}''$
Pipe Thread	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{4}''$	$\frac{1}{8}''$	$\frac{1}{4}''$	$\frac{1}{8}''$	$\frac{1}{4}''$	$\frac{3}{8}''$
Prices	8.50	9.00	9.00	11.50	11.00	12.00	15.00	15.00	30.00
									45.00

No. 741
Compression Union



Compression on one end, Female Pipe Thread on other end

O.D. Tube	$\frac{1}{8}''$	$\frac{3}{16}''$	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{3}{8}''$	$\frac{1}{2}''$
Pipe Thread	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{4}''$	$\frac{1}{8}''$	$\frac{1}{4}''$	$\frac{3}{8}''$
Prices	10.00	10.50	11.00	13.00	16.00	16.00	18.50	35.00

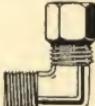
No. 702
Compression Union



Compression on both ends

O.D. Tube	$\frac{1}{8}''$	$\frac{3}{16}''$	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{1}{2}''$
Prices	12.00	14.00	15.00	16.50	23.00	45.00

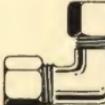
No. 801
Compression Elbow



Compression on one end, Male Pipe Thread on other end

O.D. Tube	$\frac{1}{8}''$	$\frac{3}{16}''$	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{3}{8}''$	$\frac{1}{2}''$	$\frac{5}{8}''$
Pipe Th'd.	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{4}''$	$\frac{1}{8}''$	$\frac{1}{4}''$	$\frac{1}{8}''$	$\frac{1}{4}''$	$\frac{3}{8}''$
Prices	10.50	12.00	12.50	14.00	13.50	14.50	18.00	18.00	36.00
									60.00

No. 802
Compression Elbow



Compression on both ends

O.D. Tube	$\frac{1}{8}''$	$\frac{3}{16}''$	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{1}{2}''$
Prices	12.00	16.50	17.50	19.00	24.00	50.00



No. 750—Sleeve Only

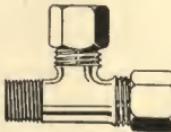
O.D. Tube	$\frac{1}{8}''$	$\frac{3}{16}''$	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{1}{2}''$
Prices No. 750	.90	1.00	1.10	1.25	1.50	3.00
Prices No. 760	2.25	2.50	3.00	3.50	4.50	9.00

Use our Catalog Numbers when ordering.
Discount quoted upon application

SOLDERLESS BRASS COMPRESSION FITTINGS

For Connections on Copper and Brass Tubing
LIST PRICE PER 100 PIECES ASSEMBLED

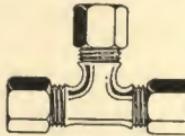
(Including Nuts and Sleeves)



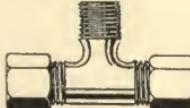
No. 901—Compression Tee

Compression on one end and Outlet, Male Pipe Thread
on other end

O. D. Tube	$\frac{1}{8}''$	$\frac{3}{16}''$	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{3}{8}''$	$\frac{1}{2}''$
Pipe Thread	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{4}''$	$\frac{1}{8}''$	$\frac{1}{4}''$	$\frac{3}{8}''$
Prices	16.00	20.00	21.00	23.00	30.00	30.00	30.00	60.00

No. 902—Compression Tee
Compression on three ends

O.D. Tube	$\frac{1}{8}''$	$\frac{3}{16}''$	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{3}{8}''$	$\frac{1}{2}''$
Prices	20.00	24.50	26.00	28.50	36.00	36.00	72.00

No. 903—Compression Tee
Compression on two ends, Male Pipe Thread on Outlet

O.D. Tube	$\frac{1}{8}''$	$\frac{3}{16}''$	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{3}{8}''$	$\frac{1}{2}''$
Pipe Thread	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{4}''$	$\frac{1}{8}''$	$\frac{1}{4}''$	$\frac{3}{8}''$
Prices	16.00	20.00	21.00	23.00	30.00	30.00	30.00	60.00

Discount quoted upon application

Fig. No. 102-F.
Tube Bender

For $\frac{1}{4}''$ Outside Diameter Tube..... \$.35 each
 For $\frac{5}{16}''$ Outside Diameter Tube..... .40 each
 For $\frac{3}{8}''$ Outside Diameter Tube..... .45 each
 For $\frac{1}{2}''$ Outside Diameter Tube..... .55 each

The tube bender is an especially prepared spring wire coil provided for bending tubing by hand to any desired shape without collapsing the tube.

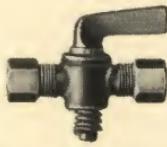
Use our Catalog Numbers when ordering.

ESTABLISHED 1860



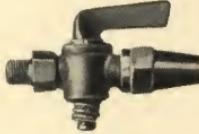
BRASS SHUT-OFF COCKS
Compression Type

Figure No.	Tube End	Pipe Thread	List Price Per C.
27 E.F.	$\frac{1}{4}''$	$\frac{1}{8}''$	\$62.00
229 E.F.	$\frac{5}{16}''$	$\frac{1}{4}''$	68.00
57 E.F.	$\frac{3}{8}''$	$\frac{1}{4}''$	70.00



BRASS SHUT-OFF COCKS
Compression Both Ends

Figure No.	Tube Ends	List Price Per C.
28 E.F.	$\frac{1}{4}''$	\$66.00
30 E.F.	$\frac{5}{16}''$	70.00



BRASS SHUT-OFF COCKS
Flared Type

Figure No.	Tube End	Pipe Thread	List Price Per C.
27 S.A.E.	$\frac{1}{4}''$	$\frac{1}{8}''$	\$60.00
29 S.A.E.	$\frac{5}{16}''$	$\frac{1}{8}''$	62.00
57 S.A.E.	$\frac{3}{8}''$	$\frac{1}{4}''$	70.00



BRASS DRAIN (PET) COCKS

Figure No.	Pipe Thread	List Price Per C.
600	$\frac{1}{8}''$	\$25.00
601	$\frac{1}{4}''$	30.00
602	$\frac{3}{8}''$	55.00

Discount quoted upon application



**Fig. 94-F
TUBE CUTTER**

For Tubing $\frac{1}{8}''$ to
 $\frac{5}{8}''$ inclusive.
\$2.50 Each

Price.....

Use our Catalog numbers when ordering

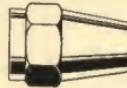
S.A.E. FLARED TUBE FITTINGS

These fittings made in accordance with dimensions as adopted by the Society of Automotive Engineers.

For connections on Copper and Brass Tube from $\frac{1}{8}$ " to $\frac{1}{2}$ " inclusive.

PRICE LIST PER 100 PIECES UNASSEMBLED

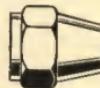
No. 550
Flared Nut



Long nosed
type

Diameter	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
List Prices	4.00	5.00	7.00	9.00	15.00	24.00

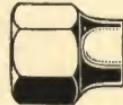
No. 551
Flared Nut



Short nosed
type

Diameter	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
List Prices	3.50	4.00	6.00	7.50	12.50	18.00

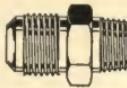
No. 560-R
Special Forged Nut



Adapted for Auto-matic Refrigerators and work of a similar nature

Diameter	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
List Prices	11.00	11.00	13.00	14.00	17.00

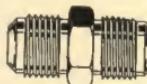
No. 552
Flared Union



Flared one end and Male Pipe Thread on other end

Diameter	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
I.P.S. Thread	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{4}$ "	$\frac{1}{8}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "
List Prices	6.00	6.00	6.50	13.00	8.00	14.00	12.50

No. 553
Flared Union



Flared on both ends

Diameter	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
List Prices	8.00	8.00	8.50	10.50	15.00	23.00

List prices are for the individual unit as shown.

Discount quoted upon application.

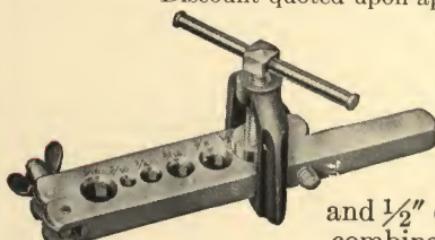


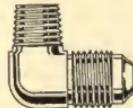
Fig. 93-F
Flaring Tool

Specially designed for the following sizes of tubes: $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ " and $\frac{1}{2}$ " outside diameter—a combination of six sizes.

Price \$3.00 each

Use our Catalog Numbers when ordering.

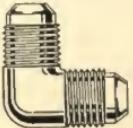
S.A.E. (FORGED) FLARED TUBE FITTINGS
PRICE LIST PER 100 PIECES UNASSEMBLED



No. 555—Flared Ell

Flared one end and Male Pipe Thread on other end

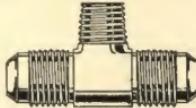
Diameter	$\frac{1}{8}''$	$\frac{3}{16}''$	$\frac{1}{4}''$	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{1}{2}''$
I.P.S. Thread	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{4}''$	$\frac{1}{8}''$	$\frac{1}{4}''$	$\frac{1}{4}''$	$\frac{3}{8}''$
List Prices	10.00	10.00	11.00	18.00	12.00	23.00	19.00	31.00



No. 556—Flared Ell

Flared both ends

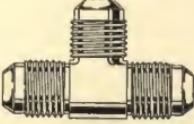
Diameter	$\frac{1}{8}''$	$\frac{3}{16}''$	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{1}{2}''$
List Prices	14.00	15.00	20.00	22.00	30.00	41.00



No. 557—Flared Tee

Flared on the run, Male Pipe Thread on the outlet

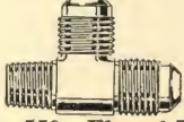
Diameter	$\frac{1}{8}''$	$\frac{3}{16}''$	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{1}{2}''$
I.P.S. Thread	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{4}''$	$\frac{3}{8}''$
List Prices	19.00	22.00	28.00	29.00	38.00	45.00



No. 558—Flared Tee

Flared on three ends

Diameter	$\frac{1}{8}''$	$\frac{3}{16}''$	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{1}{2}''$
List Prices	20.00	23.00	29.00	30.00	40.00	50.00



No. 559—Flared Tee

Flared on one end and outlet, Male Pipe Thread on other end

Diameter	$\frac{1}{8}''$	$\frac{3}{16}''$	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{1}{2}''$
I.P.S. Thread	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{8}''$	$\frac{1}{4}''$	$\frac{3}{8}''$
List Prices	19.00	22.00	28.00	29.00	38.00	45.00

List prices are for the individual unit as shown.

Discount quoted upon application

BRASS PIPE FITTINGS

Iron Pipe Size
Malleable Pattern

90° Ell



Tee



Street Ell



Cross



Coupling



45° Ell



Regular Bushing



Regular Plug



Cap

EXTRA HEAVY STEAM FITTINGS
Cast Iron Pattern

Coupling



Tee



45° Ell

TESTED BRASS FITTINGS

BRASS PIPE FITTINGS

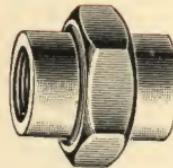
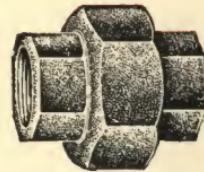
MALLEABLE PATTERN

For Steam Working Pressures up to 125 Pounds—Square Bead

Size.....	.....inches	1/8	1/4	3/8	1/2	5/8	11/16	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
Price, Elbows, 90°	each	.12	.15	.20	.28	.40	.63	.90	1.20	2.00	3.50	6.00	8.00	10.00	10.00
" Elbows, Reducing	each		.19	.25	.35	.50	.80	1.10	1.50	2.50	4.25	7.50	10.00	12.50	12.50
" Elbows, 45°	each		.20	.25	.31	.40	.63	.90	1.20	2.00	3.50	6.00	8.00	10.00	10.00
" Elbows, Street, 90°	each		.16	.27	.33	.48	.63	.85	1.50	2.00	3.25	6.00	10.00	.....	.....
" Elbows, Street, 45°	each		.23												
" Elbows, Side Outlet	each														
" Elbows, Drop, Female	each														
Tees															
" Tees															
Tees, Reducing															
Tees, Drop, Single Ear															
Tees, Drop, Double Ear															
Tees, Side Outlet															
Crosses															
Crosses, Reducing															
Couplings															
Couplings, R. & L.															
Couplings, Reducing															
Bushings, Regular															
Bushings, Faced															
Plugs, Regular															
Plugs, Solid															
Plugs, Countersunk															
Caps															
Locknuts															
Return Bends, Close															
Return Bends, Open															
Wyes															

Note—Right and left Elbows and right and left Return Bends, furnished at an advance of 25% over above prices. Bushings and Reducers, reducing more than two sizes furnished at an advance of 25% over above prices.

BRASS PIPE FITTINGS

BRASS UNIONS
Iron Pipe Size

LIST PRICES

Size Inches	Semi-Finished Each	Rough Each
$\frac{1}{8}$	\$.45	\$.40
$\frac{1}{4}$	.55	.50
$\frac{3}{8}$	.75	.65
$\frac{1}{2}$	.95	.85
$\frac{3}{4}$	1.30	1.15
1	1.75	1.60
$1\frac{1}{4}$	2.50	2.25
$1\frac{1}{2}$	3.00	2.70
2	4.50	4.00
$2\frac{1}{2}$	8.25	7.50
3	12.75	11.50

ROUGH BRASS FLOOR FLANGES

Iron Pipe Size



Size	List Price	Size	List Price
$\frac{3}{8} \times 2\frac{1}{4}$.....	.28	$1\frac{1}{4} \times 3\frac{3}{4}$.....	.80
$\frac{1}{2} \times 2\frac{1}{2}$.....	.35	$1\frac{1}{2} \times 4$.....	.95
$\frac{3}{4} \times 3$.....	.47	$2 \times 4\frac{5}{8}$	1.55
$1 \times 3\frac{1}{4}$.....	.60	.....	.....

For Polishing, add 50% to above list prices.

For Polishing and Nickel Plating, add 60% to list prices.

Floor Flanges drilled with three countersunk holes for flat head screws.

BRASS COMPANION
FLANGES

Size.....	inches	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$
Faced.....	each	4.75	5.75	6.75	8.75	10.75	12.50
Faced and Drilled..	each	5.00	6.00	7.00	9.00	11.00	13.00

Size.....	inches	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	6
Faced.....	each	15.50	19.25	24.25	26.75	29.00	36.50
Faced and Drilled..	each	16.00	20.00	25.00	27.50	30.00	37.50

In ordering, specify faced only or faced and drilled.

EXTRA HEAVY BRASS STEAM FITTINGS

For Steam Working Pressure Up to 250 Pounds
Cast Iron Pattern—Rough—Iron Pipe Size

Size inches	1/4	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6
Elbows, 90° . . . . .	.33	.45	.65	.75	1.00	1.50	2.25	3.00	4.50	8.00	11.25	16.00	22.00	27.00	35.00	45.00
Elbows, Reducing . . . . .	.....	.....	.....	.....	1.20	1.80	2.60	3.50	5.25	9.00	13.00	19.00	25.00	30.00	40.00	50.00
Elbows, 45° . . . . .	.45	.55	.75	.75	1.10	1.65	2.50	3.25	4.50	8.00	11.25	16.00	22.00	27.00	35.00	45.00
Elbows, R. & L. . . . .	.40	.55	.75	.75	1.20	1.80	2.60	3.50	5.25	9.00	13.00	19.00	22.00	30.00	36.00	46.00
Tees . . . . .	.45	.60	.90	1.35	2.00	3.00	4.00	6.00	10.75	15.00	22.00	30.00	36.00	46.00	60.00	.....
Tees, Reducing . . . . .	.....	.....	.....	1.05	1.55	2.30	3.50	4.50	6.75	12.00	17.00	25.00	35.00	40.00	51.00	66.00
Crosses . . . . .	.70	.90	1.30	2.00	3.00	4.50	6.00	9.00	16.00	22.50	28.00	37.00	45.00	60.00	75.00	.....
Crosses, Reducing . . . . .	.....	1.10	1.50	2.40	3.60	5.25	7.00	10.50	18.00	26.00	32.00	42.00	50.00	66.00	82.00	.....
Couplings . . . . .	.40	.50	.....	.....	1.10	1.65	2.25	3.00	4.50	7.00	10.00	13.00	17.00	20.00	27.00	35.00
Return Bends, Close . . . . .	.....	.....	.....	1.65	2.50	3.50	5.00	7.00	10.00	16.00	22.00	30.00	40.00	.....	.....	.....
Return Bends, Open . . . . .	.....	.....	1.80	2.75	4.00	5.50	8.00	11.00	18.00	25.00	35.00	45.00	55.00	65.00	75.00	85.00
Wyes . . . . .	.90	1.10	1.50	2.50	3.50	5.50	7.25	11.00	19.00	27.00	33.00	45.00	55.00	65.00	75.00	85.00

For reducing couplings, reducing two sizes and less, add 20% to straight coupling list. Reducing more than two sizes, add 40%. For right and left Return Bends, add 20% to regular Return Bend list.

Close
Nipple

BRASS PIPE NIPPLES
 Iron Pipe Size
 LIST PRICES

Close
NippleShoulder
Nipple

**T. E. Conklin Brass & Copper Co.
Inc.**
 ESTABLISHED 1860

Length, Inches

Size Inches	Length Inches Close	Length, Inches						6
		1½	2	2½	3	3½	4	
1/8	3/4	.11	.13	.15	.17	.19	.21	.25
1/4	1/8	.13	.16	.19	.22	.25	.28	.31
3/8	1/4	.15	.19	.23	.27	.31	.35	.39
1/2	3/8	.23	.25	.30	.35	.40	.45	.50
5/8	1/2	.28	.30	.35	.42	.49	.56	.63
3/4	5/8	.....	.....	.....	.....	.....	.....	.....
1	3/4	.37	.....	.....	.....	.....	.....	.....
1 1/4	1 1/2	.60	.....	.....	.....	.....	.....	.....
1 1/2	1 3/4	.70	.....	.....	.....	.....	.....	.....
2	2	1.00	.....	.....	.....	.....	.....	.....
2 1/2	2 1/2	1.70	.....	.....	.....	.....	.....	.....
3	2 1/2	2.50	.....	.....	.....	.....	.....	.....
3 1/2	2 3/4	4.00	.....	.....	.....	.....	.....	.....
4	3	4.75	.....	.....	.....	.....	.....	.....
4 1/2	3	5.50	.....	.....	.....	.....	.....	.....
5	3 1/2	8.50	.....	.....	.....	.....	.....	.....
6	3 1/2	11.50	.....	.....	.....	.....	.....	.....

Polished Brass Nipples longer than Close, 50% Extra.
 Nickel Plated Brass Nipples, Plus 75%.

Discount quoted upon application

Right and Left Nipples, Plus 50%.
 Extra Heavy Nipples, Double above list.



BRONZE VALVES

Tapped I. P. S.

Non-Heating Wheel

Working Pressures:

Steam, 125 lbs.

Water, 175 lbs.



Fig. 27

Gate



Fig. 150

Globe

Iron Pipe, Size	Figure Numbers	
	Fig. 27	Fig. 150
1/8"	.....	\$ .72 ea. list
1/4"	\$1.45 ea. list	.72 "
3/8"	1.45 "	.77 "
1/2"	1.65 "	1.00 "
3/4"	2.05 "	1.26 "
1"	2.80 "	1.80 "
1 1/4"	3.70 "	2.52 "
1 1/2"	5.00 "	3.50 "
2"	7.30 "	5.30 "
2 1/2"	13.00 "	10.00 "
3"	19.00 "	14.40 "

Discounts quoted upon application

RED BRASS PLUMBING METHOD FITTINGS

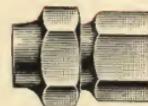


Fig. 535
Adapters

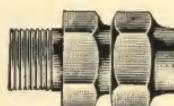


Fig. 540
Adapters

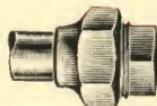


Fig. 545
Plug

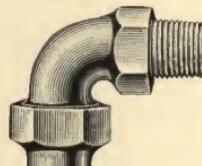


Fig. 520
Ell

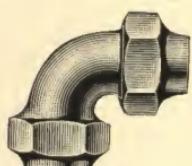


Fig. 515
Ell

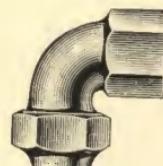


Fig. 525
Ell

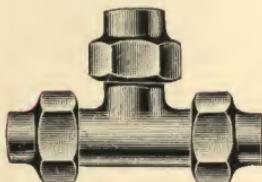


Fig. 500
Tee

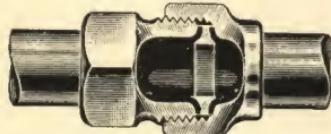


Fig. 530
Union

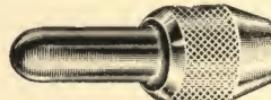


Fig. 128-C
Flanging Tool

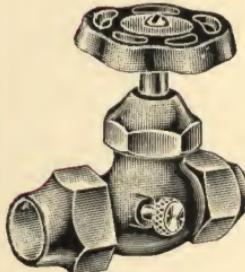


Fig. 185-T

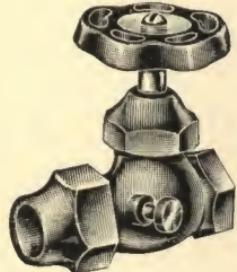
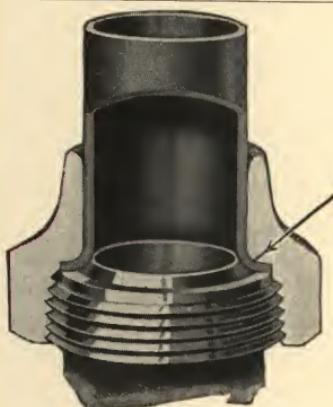


Fig. 185-S

Compression Stop and Drains



The answer to this remarkable showing.

The Double Seal— 45° plus 90° .

An exclusive feature.

RED BRASS PLUMBING METHOD FITTINGS

LIST PRICES

Fig. No.	Style	$\frac{3}{8}''$	$\frac{1}{2}''$	$\frac{3}{4}''$	$1''$	$1\frac{1}{4}''$	$1\frac{1}{2}''$	$2''$
500	*Tees.....	\$1.00	\$1.10	\$1.45	\$2.20	\$3.50	\$5.70	\$8.20
515	*Ells, Copper to Copper.....	.65	.70	1.00	1.50	2.90	3.45	6.30
520	*Ells, Copper to Male I. P.....	.60	.65	.80	1.30	2.25	3.20	5.20
525	*Ells, Copper to Female I. P.....	.60	.65	.80	1.30	2.25	3.20	5.20
530	Unions, Copper to Copper.....	.55	.60	.80	1.25	2.10	3.30	4.90
535	*Adapters, Copper to Female I. P.....	.50	.55	.70	1.15	1.70	2.60	4.10
540	*Adapters, Copper to Male I. P.....	.50	.55	.70	1.15	1.70	2.60	4.10
545	Plugs.....	.35	.40	.50	.75	1.25	1.90	2.80
185-T	Compression Stop & Drain, Inlet & Outlet Ends Copper.....	1.45	1.65	2.00	.....	.....	.....	.....
185-S	Compression Stop & Drain, Inlet Female I. P. Outlet Copper.....	1.25	1.45	1.65	1.75	3.50	4.80	5.75
128-C	Flanging Tool (Special Discount).....	1.10	1.10	1.30	1.75	.....	.....	.....

*Note—Reducing Tees, Ells and Adapters can be furnished in numerous sizes. Prices are governed by the largest dimension. Patterns or sizes not listed can be secured promptly from factory stock.

Current discounts applying to above furnished on request.

CAST SOLDER FITTINGS

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Inc.

ESTABLISHED 1860



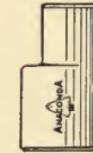
No. 1704



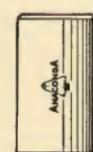
No. 1703



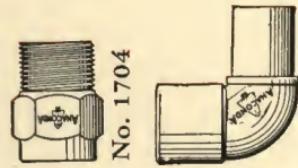
No. 1702



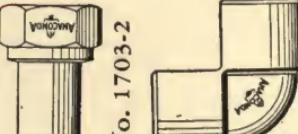
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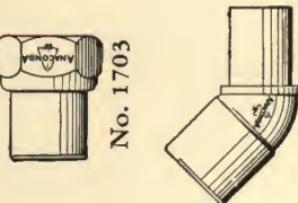
No. 1704-2



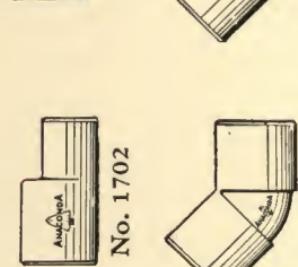
No. 1707-2



No. 1707



No. 1706-2



No. 1706

45° ELBOWS (Cont'd)

No. 1706-3—Copper to Female

No. 1706-4—Copper to Male

No. 1706-2-3—Fitting to Female

No. 1706-2-4—Fitting to Male

List Price
Each

\$0.14

Nominal
Size $\frac{3}{8}''$

ADAPTERS

No. 1703—Copper to Female

No. 1703-2—Fitting to Female

No. 1704—Copper to Male

No. 1704-2—Fitting to Male

List Price
Each

\$0.14

Nominal
Size $\frac{1}{4}''$

COUPLING

No. 1701—Copper to Copper

List Price
Each

\$0.14

Nominal
Size $\frac{1}{4}''$ $\frac{3}{8}''$ $\frac{1}{2}''$ $\frac{5}{8}''$ $\frac{3}{4}''$ $\frac{1}{2}''$ Actual
Size $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{1}{2}$

$\frac{3}{4}''$	..	.24	$\frac{3}{8}''$	..	.16	$\frac{1}{2}''$	..	.17
$1''$	$1\frac{1}{8}''$	.32	$\frac{1}{2}''$	$\frac{5}{8}''$	.18	$\frac{5}{8}''$	$\frac{1}{2}''$	.25
$1\frac{1}{4}''$	$1\frac{3}{8}''$	.50	$\frac{3}{4}''$	$\frac{7}{8}''$	.24	$\frac{7}{8}''$	$\frac{3}{4}''$	.38
$1\frac{1}{2}''$	$1\frac{5}{8}''$	.60	$1\frac{1}{8}''$	$1\frac{1}{8}''$	.32	$1\frac{1}{8}''$	$1\frac{1}{4}''$	.50
$2''$	$2\frac{1}{8}''$	.90	$1\frac{1}{2}''$	$1\frac{5}{8}''$	.50	$1\frac{1}{8}''$	$1\frac{1}{2}''$	.60
$2\frac{1}{2}''$	$2\frac{5}{8}''$	1.30	$2''$	$2\frac{1}{8}''$	.60	$1\frac{1}{2}''$	$2''$	.70
$3''$	$3\frac{1}{8}''$	2.00	$2\frac{1}{2}''$	$2\frac{5}{8}''$	.90	$2\frac{1}{2}''$	$2\frac{1}{2}''$	1.00
			$3''$	$3\frac{1}{8}''$	1.30	$2\frac{1}{2}''$	$2\frac{5}{8}''$	1.65
					2.00	$3''$	$3\frac{1}{8}''$	2.50

ECCECTRIC COUPLING

No. 1702—Copper to Copper

Nominal Size	Actual Size	List Price Each	Nominal Size	Actual Size	List Price Each	Nominal Size	Actual Size	List Price Each
$\frac{1}{2}''$	$\frac{5}{8}''$	\$0.24	$\frac{1}{4}''$	$\frac{3}{8}''$	\$0.14	$\frac{1}{4}''$	$\frac{3}{8}''$	\$0.14
$\frac{3}{4}''$	$\frac{7}{8}''$	.32	$\frac{3}{8}''$	$\frac{5}{8}''$	.16	$\frac{3}{8}''$	$\frac{1}{2}''$	.16
$1''$	$1\frac{1}{8}''$	.50	$\frac{1}{2}''$	$\frac{7}{8}''$	.20	$\frac{1}{2}''$	$\frac{5}{8}''$	.20
$1\frac{1}{4}''$	$1\frac{3}{8}''$	.60	$\frac{3}{4}''$	$\frac{7}{8}''$	.28	$\frac{3}{4}''$	$\frac{7}{8}''$	.28
$1\frac{1}{2}''$	$1\frac{5}{8}''$	.90	$1\frac{1}{8}''$	$1\frac{1}{8}''$	.40	$1\frac{1}{8}''$	$1\frac{1}{8}''$	.40
$2''$	$2\frac{1}{8}''$	1.30	$1\frac{1}{2}''$	$1\frac{5}{8}''$	.55	$1\frac{1}{4}''$	$1\frac{3}{8}''$	.55
$2\frac{1}{2}''$	$2\frac{5}{8}''$	2.00	$2''$	$2\frac{1}{8}''$	.70	$1\frac{1}{2}''$	$1\frac{5}{8}''$	.70
$3''$	$3\frac{1}{8}''$	2.50	$2\frac{1}{2}''$	$2\frac{5}{8}''$	1.00	$2''$	$2\frac{1}{8}''$	1.00
			$3''$	$3\frac{1}{8}''$	1.65	$2\frac{1}{2}''$	$2\frac{5}{8}''$	1.65
					2.50	$3''$	$3\frac{1}{8}''$	2.50

45° ELBOWS

No. 1706—Copper to Copper
No. 1706-2—Fitting to Copper

$\frac{3}{4}''$	..	.24	$\frac{3}{8}''$	..	.16	$\frac{1}{2}''$	..	.17
$1''$	$1\frac{1}{8}''$	.32	$\frac{1}{2}''$	$\frac{5}{8}''$	.18	$\frac{5}{8}''$	$\frac{1}{2}''$	.25
$1\frac{1}{4}''$	$1\frac{3}{8}''$	.50	$\frac{1}{4}''$	$\frac{7}{8}''$	.24	$\frac{7}{8}''$	$\frac{3}{4}''$	.38
$1\frac{1}{2}''$	$1\frac{5}{8}''$	.60	$\frac{1}{4}''$	$1\frac{1}{8}''$	.32	$1\frac{1}{8}''$	$1\frac{1}{4}''$	.50
$2''$	$2\frac{1}{8}''$	.90	$\frac{1}{2}''$	$1\frac{5}{8}''$	.50	$1\frac{1}{2}''$	$1\frac{5}{8}''$	.60
$2\frac{1}{2}''$	$2\frac{5}{8}''$	1.30	$1\frac{1}{8}''$	$2''$	.60	$2''$	$2\frac{1}{8}''$	.70
$3''$	$3\frac{1}{8}''$	2.00	$1\frac{1}{2}''$	$2\frac{1}{8}''$	1.00	$2\frac{1}{2}''$	$2\frac{5}{8}''$	1.00
			$2''$	$2\frac{5}{8}''$	1.65	$2\frac{1}{2}''$	$2\frac{5}{8}''$	1.65
			$3''$	$3\frac{1}{8}''$	2.50	$3''$	$3\frac{1}{8}''$	2.50

90° ELBOWS

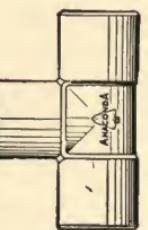
No. 1707—Copper to Copper
No. 1707-2—Fitting to Copper

Sizes will be considered as "nominal" unless definitely specified as "actual"

CAST SOLDER FITTINGS

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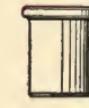
T. E. Conklin Brass & Copper Co.
Inc.
ESTABLISHED 1860



No. 1711



No. 1710-4



No. 1710-3



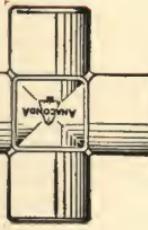
No. 1717

TEES

TUBE END CAP

BUSHING

No. 1718



No. 1735

	Actual Size	List Price Each	Nominal Size	Actual Size	List Price Each
No. 1710-3—Female to Female to Copper			$\frac{1}{4}$ "	$\frac{1}{4}$ "	\$0.14
No. 1710-4—Male to Female to Copper			$\frac{3}{8}$ "	$\frac{3}{8}$ "	\$0.14
No. 1711—Male to Male to Copper			$\frac{1}{2}$ "	$\frac{1}{2}$ "	.16
No. 1712—Copper to Copper to Female			$\frac{5}{8}$ "	$\frac{5}{8}$ "	.18
No. 1712-3—Copper to Female to Female			$\frac{1}{2}$ "	$\frac{1}{2}$ "	

- No. 1710-3—Female to Female to Copper
No. 1710-4 — Male to Female to Copper
No. 1711—Male to Male to Copper
No. 1712—Copper to Copper to Female
No. 1712-3—Copper to Female to Female

No. 1713 — Copper to Copper to Male	$\frac{3}{4}''$	$\frac{3}{4}''$	.15
	$1\frac{1}{8}''$	$1\frac{1}{8}''$	.20
No. 1713-4 — Copper to Male to Male	$1\frac{1}{4}''$	$1\frac{1}{4}''$	.24
	$1\frac{1}{2}''$	$1\frac{1}{2}''$	.60
No. 1714—Copper to Female to Copper	$1\frac{1}{2}''$	$1\frac{1}{8}''$	.90
	$2''$	$2\frac{1}{8}''$	.90
No. 1714-4—Copper to Female to Male	$2\frac{1}{2}''$	$2\frac{5}{8}''$	1.30
	$3''$	$3\frac{1}{8}''$	2.00

FITTING END PLUG

Nominal Size	Actual Size	List Price Each
$\frac{1}{4}''$	$\frac{3}{8}''$	\$0.18
$\frac{3}{8}''$	$\frac{1}{2}''$	.20
$\frac{1}{2}''$	$\frac{5}{8}''$	.24
$\frac{3}{4}''$	$\frac{7}{8}''$	.38
$1''$	$1\frac{1}{8}''$	.55
$1\frac{1}{4}''$	$1\frac{3}{8}''$	.75
$1\frac{1}{2}''$	$1\frac{5}{8}''$	1.00
$2''$	$2\frac{1}{8}''$	1.50
$2\frac{1}{2}''$	$2\frac{5}{8}''$	2.00
$3''$	$3\frac{1}{8}''$	3.00

CROSS

NO. 1735—All Combinations

Nominal Size	Actual Size	List Price Each	Nominal Size	Actual Size	List Price Each
$\frac{1}{4}''$	$\frac{3}{8}''$	\$0.06	$\frac{1}{4}''$	$\frac{3}{8}''$	\$0.30
$\frac{3}{8}''$	$\frac{1}{2}''$	.08	$\frac{3}{8}''$	$\frac{1}{2}''$	.32
$\frac{1}{2}''$	$\frac{5}{8}''$	.11	$\frac{1}{2}''$	$\frac{5}{8}''$	.36
$\frac{3}{4}''$	$\frac{7}{8}''$	.15	$\frac{3}{4}''$	$\frac{7}{8}''$	.65
$1''$	$1\frac{1}{8}''$	.20	$\frac{1}{4}''$	$\frac{1}{8}''$	.90
$1\frac{1}{8}''$	$1\frac{3}{8}''$	.24	$\frac{1}{4}''$	$\frac{3}{8}''$	1.15
$1\frac{1}{4}''$	$1\frac{1}{4}''$	.60	$\frac{1}{2}''$	$\frac{1}{2}''$	1.50
$1\frac{1}{2}''$	$1\frac{5}{8}''$	.90	$\frac{2}{3}''$	$2\frac{1}{8}''$	2.00
$2''$	$2\frac{1}{8}''$	1.30	$2\frac{5}{8}''$	$2\frac{1}{2}''$	2.50
$2\frac{1}{2}''$	$2\frac{5}{8}''$	2.00	$3\frac{1}{8}''$	$3\frac{1}{8}''$	4.50

Sizes will be considered as "nominal" unless definitely specified as "actual"

$\frac{1}{2}''$	.60	$\frac{1}{2}''$	$\frac{5}{8}''$	.26	$\frac{1}{2}''$	$\frac{5}{8}''$	1.50
$\frac{3}{4}''$	.80	$\frac{3}{4}''$	$\frac{7}{8}''$	.30	$\frac{3}{4}''$	$\frac{7}{8}''$	1.75
$1''$	1.00	$1''$	$1\frac{1}{8}''$	.55	$1''$	$1\frac{1}{8}''$	2.40
$1\frac{1}{4}''$	1.60	$1\frac{1}{4}''$	$1\frac{3}{8}''$	.85	$1\frac{1}{4}''$	$1\frac{3}{8}''$	3.20
$1\frac{1}{2}''$	2.50	$1\frac{1}{2}''$	$1\frac{5}{8}''$	1.05	$1\frac{1}{2}''$	$1\frac{5}{8}''$	4.50
$2''$	3.20	$2''$	$2\frac{1}{8}''$	1.80	$2''$	$2\frac{1}{8}''$	6.50
$2\frac{1}{2}''$	4.00	$2\frac{1}{2}''$	$2\frac{5}{8}''$				

BULK HEAD FITTINGS

No. 1730—Copper to Female

No. 1730-3—Copper to Female

No. 1730-4—Copper to Male

Nominal Size	Actual Size	List Price Each	Nominal Size	Actual Size	List Price Each
$\frac{3}{8}''$	$\frac{1}{2}''$	\$0.72	$\frac{3}{8}''$	$\frac{1}{2}''$	\$0.40
$\frac{1}{2}''$	$\frac{5}{8}''$	.85	$\frac{1}{2}''$	$\frac{5}{8}''$	.45
$\frac{3}{4}''$	$\frac{7}{8}''$	1.05	$\frac{3}{4}''$	$\frac{7}{8}''$	.60
$1''$	$1\frac{1}{8}''$	1.30	$1''$	$1\frac{1}{8}''$	1.00
$1\frac{1}{4}''$	$1\frac{3}{8}''$	1.90	$1\frac{1}{4}''$	$1\frac{3}{8}''$	1.50
$1\frac{1}{2}''$	$1\frac{5}{8}''$	2.50	$1\frac{1}{2}''$	$1\frac{5}{8}''$	2.25
$2''$	$2\frac{1}{8}''$	3.50	$2''$	$2\frac{1}{8}''$	3.50

GLOBE STOP VALVES

No. 1725—Copper to Copper

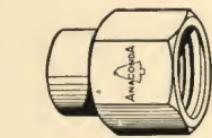
No. 1725-3—Copper to Female

No. 1725-4—Copper to Male

Nominal Size	Actual Size	List Price Each	Nominal Size	Actual Size	List Price Each
$\frac{1}{2}''$	$\frac{1}{2}''$	.26	$\frac{1}{2}''$	$\frac{1}{2}''$	\$0.85
$\frac{3}{4}''$	$\frac{3}{4}''$	.30	$\frac{3}{4}''$	$\frac{3}{4}''$	.95
$1''$	$1''$	.55	$1''$	$1''$	1.10
$1\frac{1}{4}''$	$1\frac{1}{4}''$	.85	$1\frac{1}{4}''$	$1\frac{1}{4}''$	1.90

Sizes will be considered as "nominal" unless definitely specified as "actual"

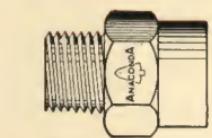
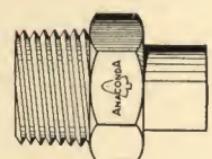
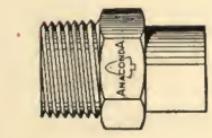
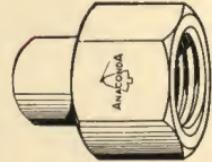
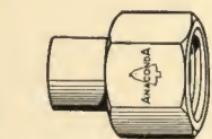
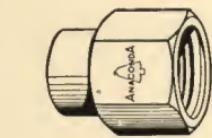
WROUGHT SOLDER FITTINGS



No. 1601 No. 1601-R

No. 1601—Copper to Copper
Nominal Size Actual Size List Price
 $\frac{3}{8}''$ $\frac{1}{2}''$ \$0.08
 $\frac{1}{2}''$ $\frac{5}{8}''$
 $\frac{3}{4}''$ $\frac{7}{8}''$
 $1\frac{1}{4}''$ $1\frac{1}{2}''$
 $1\frac{1}{2}''$ $1\frac{3}{8}''$
 $2''$ $1\frac{5}{8}''$
 $2\frac{1}{8}''$ $2\frac{1}{8}''$

Nominal Size	Actual Size	List Price
$\frac{3}{8}''$	$\frac{1}{2}'' \times \frac{3}{8}''$	\$0.16
$\frac{1}{2}''$	$\frac{1}{2}'' \times \frac{1}{2}''$	.18
$\frac{3}{4}''$	$\frac{5}{8}'' \times \frac{1}{2}''$	.24
$1\frac{1}{4}''$	$\frac{1}{2}'' \times \frac{3}{4}''$	.28
$1\frac{1}{2}''$	$\frac{3}{4}'' \times \frac{1}{2}''$	.24
$2''$	$\frac{1}{2}'' \times 1\frac{1}{2}''$	.46



REDUCTION ADAPTERS (Cont'd)

Nominal Size	Actual Size	List Price
$1''$	$\frac{1}{2}'' \times 1\frac{1}{4}''$	.50*
$1''$	$\frac{1}{2}'' \times 1\frac{1}{2}''$	.60*
$1\frac{1}{4}'' \times \frac{3}{4}''$	$\frac{1}{2}'' \times \frac{3}{4}''$	.50*
$1\frac{1}{4}'' \times 1\frac{1}{2}''$	$\frac{3}{8}'' \times 1\frac{1}{2}''$	.50*
$1\frac{1}{4}'' \times 1\frac{1}{2}''$	$\frac{1}{2}'' \times 1\frac{1}{2}''$	.60*
$1\frac{1}{4}'' \times 2''$	$\frac{1}{2}'' \times 2''$	.90*

ADAPTERS

Nominal Size	Actual Size	List Price
$1''$	$\frac{1}{2}'' \times 1\frac{1}{4}''$	.50*
$1''$	$\frac{1}{2}'' \times 1\frac{1}{2}''$	.60*
$1\frac{1}{4}'' \times \frac{3}{4}''$	$\frac{1}{2}'' \times \frac{3}{4}''$	.50*
$1\frac{1}{4}'' \times 1\frac{1}{2}''$	$\frac{3}{8}'' \times 1\frac{1}{2}''$	.50*
$1\frac{1}{4}'' \times 1\frac{1}{2}''$	$\frac{1}{2}'' \times 1\frac{1}{2}''$	.60*
$1\frac{1}{4}'' \times 2''$	$\frac{1}{2}'' \times 2''$	.90*

REDUCTION ADAPTERS (Cont'd)

Nominal Size	Actual Size	List Price
$1''$	$\frac{1}{2}'' \times 1\frac{1}{4}''$	.50*
$1''$	$\frac{1}{2}'' \times 1\frac{1}{2}''$	.60*
$1\frac{1}{4}'' \times \frac{3}{4}''$	$\frac{1}{2}'' \times \frac{3}{4}''$	.50*
$1\frac{1}{4}'' \times 1\frac{1}{2}''$	$\frac{3}{8}'' \times 1\frac{1}{2}''$	.50*
$1\frac{1}{4}'' \times 1\frac{1}{2}''$	$\frac{1}{2}'' \times 1\frac{1}{2}''$	.60*
$1\frac{1}{4}'' \times 2''$	$\frac{1}{2}'' \times 2''$	.90*

REDUCTION ADAPTERS (Cont'd)

Nominal Size	Actual Size	List Price
$1''$	$\frac{1}{2}'' \times 1\frac{1}{4}''$	.50*
$1''$	$\frac{1}{2}'' \times 1\frac{1}{2}''$	.60*
$1\frac{1}{4}'' \times \frac{3}{4}''$	$\frac{1}{2}'' \times \frac{3}{4}''$	.50*
$1\frac{1}{4}'' \times 1\frac{1}{2}''$	$\frac{3}{8}'' \times 1\frac{1}{2}''$	.50*
$1\frac{1}{4}'' \times 1\frac{1}{2}''$	$\frac{1}{2}'' \times 1\frac{1}{2}''$	.60*
$1\frac{1}{4}'' \times 2''$	$\frac{1}{2}'' \times 2''$	.90*

REDUCTION COUPLING

$1\frac{1}{4}''$	$1\frac{3}{8}'' \times 1\frac{1}{4}''$	S.P.S.	\$0.50*
$1\frac{1}{2}''$	$1\frac{5}{8}'' \times 1\frac{1}{2}''$	S.P.S. ....	.60*
$2''$	$2\frac{1}{8}'' \times 2''$	S.P.S. ....	.90*

No. 1601-R—Copper to Copper

Nominal Size	Actual Size	List Price Each
$\frac{1}{2}'' \times \frac{3}{8}''$	$\frac{5}{8}'' \times \frac{1}{2}''$	\$0.11
$\frac{3}{4}'' \times \frac{3}{8}''$	$\frac{7}{8}'' \times \frac{1}{2}''$	
$\frac{3}{4}'' \times \frac{1}{2}''$	$\frac{7}{8}'' \times \frac{5}{8}''$	
$1'' \times \frac{3}{8}''$	$1\frac{1}{8}'' \times \frac{1}{2}''$	
$1'' \times \frac{1}{2}''$	$1\frac{1}{8}'' \times \frac{5}{8}''$	
$1'' \times \frac{3}{4}''$	$1\frac{1}{8}'' \times \frac{7}{8}''$	
$1\frac{1}{4}'' \times \frac{3}{4}''$	$1\frac{3}{8}'' \times \frac{7}{8}''$	
$1\frac{1}{4}'' \times 1''$	$1\frac{3}{8}'' \times 1\frac{1}{8}''$	
$1\frac{1}{2}'' \times \frac{3}{4}''$	$1\frac{5}{8}'' \times \frac{7}{8}''$	
$1\frac{1}{2}'' \times 1''$	$1\frac{5}{8}'' \times 1\frac{1}{8}''$	
$2'' \times 1\frac{1}{4}''$	$2\frac{1}{8}'' \times 1\frac{3}{8}''$	
$2'' \times 1\frac{1}{2}''$	$2\frac{1}{8}'' \times 1\frac{5}{8}''$	

REDUCTION ADAPTERS

No. 1603-R—Copper to Female S.P.S.

No. 1604-R—Copper to Male S.P.S.

Nominal Size	Actual Size	List Price Each
$\frac{3}{8}'' \times \frac{1}{2}''$	$\frac{3}{8}'' \times \frac{1}{2}''$	
$\frac{1}{2}'' \times \frac{1}{2}''$	$\frac{1}{2}'' \times \frac{1}{2}''$	
$\frac{1}{2}'' \times \frac{3}{4}''$	$\frac{1}{2}'' \times \frac{3}{4}''$	
$\frac{3}{4}'' \times \frac{1}{2}''$	$\frac{3}{8}'' \times \frac{1}{4}''$	
$\frac{3}{4}'' \times \frac{3}{4}''$	$\frac{3}{8}'' \times \frac{3}{4}''$	
$1'' \times \frac{1}{2}''$	$\frac{3}{8}'' \times \frac{5}{8}''$	
$1'' \times \frac{3}{4}''$	$\frac{3}{8}'' \times \frac{7}{8}''$	
$1\frac{1}{4}'' \times \frac{3}{4}''$	$\frac{5}{8}'' \times \frac{7}{8}''$	
$1\frac{1}{4}'' \times 1''$	$\frac{5}{8}'' \times 1''$	
$1\frac{1}{2}'' \times \frac{3}{4}''$	$\frac{7}{8}'' \times \frac{1}{2}''$	
$1\frac{1}{2}'' \times 1''$	$\frac{7}{8}'' \times 1\frac{1}{8}''$	
$2'' \times 1''$	$\frac{7}{8}'' \times 1\frac{1}{8}''$	
$2'' \times 1\frac{1}{4}''$	$1\frac{1}{8}'' \times \frac{1}{2}''$	
$2'' \times 1\frac{1}{2}''$	$1\frac{1}{8}'' \times \frac{3}{4}''$	

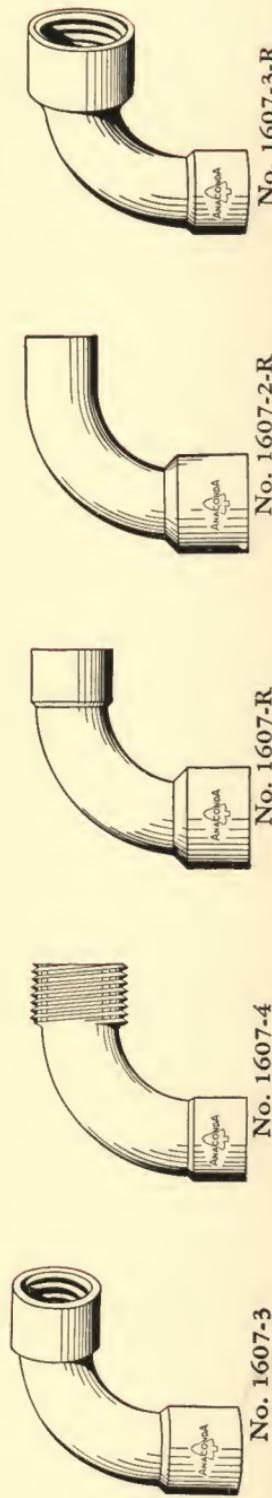
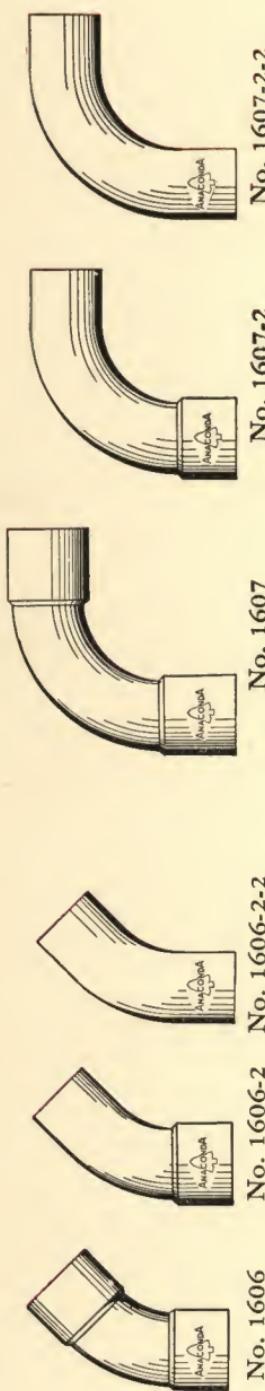
Nominal Size	Actual Size	List Price Each
$\frac{3}{8}'' \times \frac{1}{2}''$	$\frac{3}{8}'' \times \frac{1}{2}''$	\$0.18
$\frac{1}{2}'' \times \frac{3}{4}''$	$\frac{1}{2}'' \times \frac{3}{4}''$	
$\frac{3}{4}'' \times \frac{1}{2}''$	$\frac{3}{8}'' \times \frac{1}{4}''$	
$\frac{3}{4}'' \times \frac{3}{4}''$	$\frac{3}{8}'' \times \frac{3}{4}''$	
$1'' \times \frac{1}{2}''$	$\frac{3}{8}'' \times \frac{5}{8}''$	
$1'' \times \frac{3}{4}''$	$\frac{3}{8}'' \times \frac{7}{8}''$	
$1\frac{1}{4}'' \times \frac{3}{4}''$	$\frac{5}{8}'' \times \frac{7}{8}''$	
$1\frac{1}{4}'' \times 1''$	$\frac{5}{8}'' \times 1''$	
$1\frac{1}{2}'' \times \frac{3}{4}''$	$\frac{7}{8}'' \times \frac{1}{2}''$	
$1\frac{1}{2}'' \times 1''$	$\frac{7}{8}'' \times 1\frac{1}{8}''$	
$2'' \times 1''$	$\frac{7}{8}'' \times 1\frac{1}{8}''$	
$2'' \times 1\frac{1}{4}''$	$1'' \times \frac{1}{2}''$	
$2'' \times 1\frac{1}{2}''$	$1'' \times \frac{3}{4}''$	

* Castings.

Sizes will be considered as "nominal" unless definitely specified as "actual"

Continued in the next column

WROUGHT SOLDER FITTINGS



45° ELBOWS

No. 1606—Copper to Copper

No. 1606-2—Fitting to Copper

No. 1606-2-2—Fitting to Fitting

Nominal Size	Actual Size	List Price Each
$\frac{3}{8}''$	$\frac{1}{2}''$	\$0.16
$\frac{1}{2}''$	$\frac{5}{8}''$	.20
$\frac{3}{4}''$	$\frac{7}{8}''$	.28
$1''$	$1\frac{1}{8}''$	.40
$1\frac{1}{4}''$	$1\frac{3}{8}''$	.55
$1\frac{1}{2}''$	$1\frac{5}{8}''$	.70
$2''$	$2\frac{1}{8}''$	1.00
$\frac{3}{4}''$	$\frac{7}{8}''$	.28
$1''$	$1\frac{1}{8}''$	.40
$1\frac{1}{4}''$	$1\frac{3}{8}''$	.55
$1\frac{1}{2}''$	$1\frac{5}{8}''$	.70
$2''$	$2\frac{1}{8}''$	1.00

90° ELBOWS

No. 1607—Copper to Copper

No. 1607-2—Fitting to Copper

No. 1607-2-2—Fitting to Fitting

Nominal Size	Actual Size	List Price Each
$\frac{3}{8}''$	$\frac{1}{2}''$	\$0.16
$\frac{1}{2}''$	$\frac{5}{8}''$	.20
$\frac{3}{4}''$	$\frac{7}{8}''$	.28
$1''$	$1\frac{1}{8}''$	.40
$1\frac{1}{4}''$	$1\frac{3}{8}''$	.55
$1\frac{1}{2}''$	$1\frac{5}{8}''$	.70
$2''$	$2\frac{1}{8}''$	1.00
$\frac{3}{4}''$	$\frac{7}{8}''$	.28
$1''$	$1\frac{1}{8}''$	.40
$1\frac{1}{4}''$	$1\frac{3}{8}''$	.55
$1\frac{1}{2}''$	$1\frac{5}{8}''$	.70
$2''$	$2\frac{1}{8}''$	1.00

90° ELBOWS (Cont'd)

Nominal Size	Actual Size	List Price Each
$\frac{1}{2}''$	$\frac{5}{8}''$	\$0.25
$\frac{3}{4}''$	$\frac{7}{8}''$	.37
$1''$	$1\frac{1}{8}''$	.50

90° REDUCTION ELBOWS

Nominal Size	Actual Size	List Price Each
$\frac{1}{2}''$	$\frac{5}{8}'' \times \frac{1}{2}''$	\$0.20
$\frac{3}{4}''$	$\frac{7}{8}'' \times \frac{5}{8}''$	.28
$1''$	$1\frac{1}{8}'' \times \frac{7}{8}''$	.40

Nominal Size	Actual Size	List Price Each
$\frac{1}{2}''$	$\frac{5}{8}'' \times \frac{3}{8}''$	\$0.20
$\frac{3}{4}''$	$\frac{7}{8}'' \times \frac{1}{2}''$	.28
$1''$	$1\frac{1}{8}'' \times \frac{3}{4}''$	.40

(Continued in next column)

WROUGHT SOLDER FITTINGS

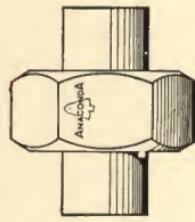
166

T. E. Conklin Brass & Copper Co.
Inc.

ESTABLISHED 1860



No. 1611



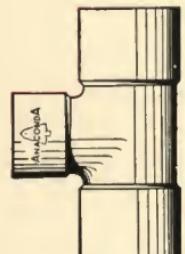
No. 1611-R



No. 1618



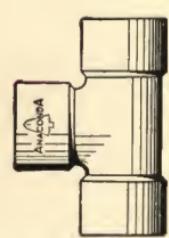
No. 1611



TEE

No. 1611—Copper to Copper

Nominal Size	Actual Size	List Price Each	
$\frac{3}{8}'' \times \frac{3}{8}'' \times \frac{3}{8}''$	$\frac{1}{2}'' \times \frac{1}{2}'' \times \frac{1}{2}''$	\$0.20	
$\frac{1}{2}'' \times \frac{1}{2}'' \times \frac{1}{2}''$	$\frac{5}{8}'' \times \frac{5}{8}'' \times \frac{5}{8}''$	.24	
$\frac{3}{4}'' \times \frac{3}{4}'' \times \frac{3}{4}''$	$\frac{7}{8}'' \times \frac{7}{8}'' \times \frac{7}{8}''$	.38	
$1'' \times 1'' \times 1''$	$1\frac{1}{8}'' \times 1\frac{1}{8}'' \times 1\frac{1}{8}''$	.55	
			Nominal Size
			Actual Size
			List Price Each
			$\frac{3}{8}'' \dots \dots \dots$
			$\frac{1}{2}'' \dots \dots \dots$
			$\frac{5}{8}'' \dots \dots \dots$
			$1\frac{1}{8}'' \dots \dots \dots$
			$1\frac{1}{4}'' \dots \dots \dots$
			$1\frac{1}{2}'' \dots \dots \dots$
			$1\frac{3}{8}'' \dots \dots \dots$
			$1\frac{5}{8}'' \dots \dots \dots$
			$1\frac{11}{16}'' \dots \dots \dots$
			$1\frac{13}{16}'' \dots \dots \dots$



No. 1611

CAP—No. 1617

Nominal Size	Actual Size	List Price Each	
$\frac{3}{8}''$	$\frac{1}{2}''$	$\frac{1}{2}''$	\$0.08
$\frac{5}{8}''$	$\frac{5}{8}''$	$\frac{5}{8}''$	.11
$\frac{1}{2}''$	$\frac{7}{8}''$	$\frac{7}{8}''$	.15
$1''$	$1\frac{1}{8}''$	$1\frac{1}{8}''$	.20
			Nominal Size
			Actual Size
			List Price Each
			$\frac{3}{8}'' \dots \dots \dots$
			$\frac{1}{2}'' \dots \dots \dots$
			$\frac{5}{8}'' \dots \dots \dots$
			$1\frac{1}{8}'' \dots \dots \dots$
			$1\frac{1}{4}'' \dots \dots \dots$
			$1\frac{1}{2}'' \dots \dots \dots$
			$1\frac{3}{8}'' \dots \dots \dots$
			$1\frac{11}{16}'' \dots \dots \dots$
			$1\frac{13}{16}'' \dots \dots \dots$

3-PIECE THREADED UNION	
No. 1633—Copper to Copper	No. 1633

List Price
Each

$\frac{1}{2}'' \dots \dots \dots$

List Price
Each

$\frac{1}{2}'' \dots \dots \dots$

$\frac{1}{2}''$	.60
$\frac{1}{2}''$	.90
$\frac{3}{4}''$	.75
$\frac{5}{8}''$	.63
$\frac{7}{8}''$	
$\frac{11}{16}''$	

REDUCTION TEE

No. 1611-R—Copper to Copper

DROP EAR BRACKET—No. 1645					
Nominal Size	Actual Size	List Price Each	Nominal Size	Actual Size	List Price Each
$\frac{1}{2}'' \times \frac{1}{2}'' \times \frac{3}{8}''$	$\frac{5}{8}'' \times \frac{5}{8}'' \times \frac{1}{2}''$	\$0.24	$\frac{1}{2}'' \times \frac{3}{8}''$	$\frac{5}{8}'' \times \frac{1}{2}''$	\$0.11
$\frac{3}{4}'' \times \frac{3}{4}'' \times \frac{3}{8}''$	$\frac{7}{8}'' \times \frac{7}{8}'' \times \frac{1}{2}''$	.38	$\frac{3}{4}'' \times \frac{3}{8}''$	$\frac{7}{8}'' \times \frac{1}{2}''$	.15
$\frac{3}{4}'' \times \frac{3}{4}'' \times \frac{1}{2}''$	$\frac{7}{8}'' \times \frac{7}{8}'' \times \frac{5}{8}''$	.38	$\frac{3}{4}'' \times \frac{1}{2}''$	$\frac{7}{8}'' \times \frac{5}{8}''$	.15
$1'' \times 1'' \times \frac{3}{8}''$	$1\frac{1}{8}'' \times 1\frac{1}{8}'' \times \frac{1}{2}''$	.55	$1'' \times \frac{3}{8}''$	$1\frac{1}{8}'' \times \frac{1}{2}''$	.20
$1'' \times 1'' \times \frac{1}{2}''$	$1\frac{1}{8}'' \times 1\frac{1}{8}'' \times \frac{5}{8}''$	.55	$1'' \times \frac{1}{2}''$	$1\frac{1}{8}'' \times \frac{5}{8}''$	.20
$1'' \times 1'' \times \frac{3}{4}''$	$1\frac{1}{8}'' \times 1\frac{1}{8}'' \times \frac{7}{8}''$	.55	$1'' \times \frac{3}{4}''$	$1\frac{1}{8}'' \times \frac{7}{8}''$	.20
$1\frac{1}{4}'' \times 1\frac{1}{4}'' \times \frac{1}{2}''$	$1\frac{3}{8}'' \times 1\frac{3}{8}'' \times \frac{5}{8}''$	.75	$1\frac{1}{4}'' \times \frac{3}{4}''$	$1\frac{3}{8}'' \times \frac{7}{8}''$	.24
$1\frac{1}{4}'' \times 1\frac{1}{4}'' \times \frac{3}{4}''$	$1\frac{3}{8}'' \times 1\frac{3}{8}'' \times \frac{7}{8}''$	.75	$1\frac{1}{4}'' \times 1''$	$1\frac{3}{8}'' \times 1\frac{1}{8}''$	.24
$1\frac{1}{4}'' \times 1\frac{1}{4}'' \times 1''$	$1\frac{3}{8}'' \times 1\frac{3}{8}'' \times 1\frac{1}{8}''$	.75	$1\frac{1}{2}'' \times \frac{3}{4}''$	$1\frac{5}{8}'' \times 1\frac{1}{8}''$	.28
$1\frac{1}{2}'' \times 1\frac{1}{2}'' \times \frac{3}{4}''$	$1\frac{5}{8}'' \times 1\frac{5}{8}'' \times \frac{7}{8}''$	1.00	$1\frac{1}{2}'' \times 1''$	$1\frac{5}{8}'' \times 1\frac{7}{8}''$	.28
$1\frac{1}{2}'' \times 1\frac{1}{2}'' \times 1''$	$1\frac{5}{8}'' \times 1\frac{5}{8}'' \times 1\frac{1}{8}''$	1.00	$1\frac{1}{2}'' \times 1\frac{1}{4}''$	$1\frac{5}{8}'' \times 1\frac{1}{8}''$	.46
$1\frac{1}{2}'' \times 1\frac{1}{2}'' \times 1\frac{1}{4}''$	$1\frac{5}{8}'' \times 1\frac{5}{8}'' \times 3\frac{1}{8}''$	1.00	$2'' \times 1''$	$1\frac{5}{8}'' \times \frac{7}{8}''$	.28
$2'' \times 2'' \times 1''$	$2\frac{1}{8}'' \times 2\frac{1}{8}'' \times 1\frac{1}{8}''$	1.50	$2'' \times 1\frac{1}{4}''$	$2\frac{1}{8}'' \times 1\frac{3}{8}''$	.46
$2'' \times 2'' \times 1\frac{1}{2}''$	$2\frac{1}{8}'' \times 2\frac{1}{8}'' \times 1\frac{5}{8}''$	1.50	$2'' \times 1\frac{1}{2}''$	$2\frac{1}{8}'' \times 1\frac{5}{8}''$	.46

FITTING REDUCER

No. 1618—Fitting to Copper

Nominal Size		Actual Size	List Price Each	DROP EAR BRACKET—No. 1645
4	$\frac{1}{2}''$ x $\frac{3}{8}''$	$\frac{5}{8}''$ x $\frac{1}{2}''$	\$0.11	
3	$\frac{3}{4}''$ x $\frac{3}{8}''$	$\frac{7}{8}''$ x $\frac{1}{2}''$		.15
3	$\frac{3}{4}''$ x $\frac{1}{2}''$	$\frac{7}{8}''$ x $\frac{5}{8}''$		.15
5	$1''$ x $\frac{3}{8}''$	$1\frac{1}{8}''$ x $\frac{1}{2}''$		.20
5	$1''$ x $\frac{1}{2}''$	$1\frac{1}{8}''$ x $\frac{5}{8}''$		.20
5	$1''$ x $\frac{3}{4}''$	$1\frac{1}{8}''$ x $\frac{7}{8}''$		.20
5	$1\frac{1}{4}''$ x $\frac{3}{4}''$	$1\frac{3}{8}''$ x $\frac{7}{8}''$		.24
5	$1\frac{1}{4}''$ x $1''$	$1\frac{3}{8}''$ x $1\frac{1}{8}''$		.24
5	$1\frac{1}{2}''$ x $\frac{3}{4}''$	$1\frac{5}{8}''$ x $1\frac{1}{8}''$		.28
5	$1\frac{1}{2}''$ x $1''$	$1\frac{5}{8}''$ x $1\frac{3}{8}''$		.28
5	$1\frac{1}{2}''$ x $1\frac{1}{4}''$	$2\frac{1}{8}''$ x $1\frac{1}{8}''$		.46
5	$2''$ x $1''$	$1\frac{5}{8}''$ x $\frac{7}{8}''$		.28
5	$2''$ x $1\frac{1}{4}''$	$2\frac{1}{8}''$ x $\frac{3}{8}''$		.46
5	$2''$ x $1\frac{1}{2}''$	$2\frac{1}{8}''$ x $\frac{5}{8}''$		.46
Sizes will be considered as "nominal" unless definitely specified as "actual"				
		Nominal Size	Actual Size	List Price Each

FITTING REDUCER

No. 1618—Fitting to Copper

Nominal Size		Actual Size	Size	List Price Each	DROP EAR BRACKET—No. 1645	Nominal Size	Actual Size	Size	List Price Each
4	$\frac{1}{2}''$ x $\frac{3}{8}''$	$\frac{5}{8}''$ x $\frac{1}{2}''$	$\frac{7}{8}''$ x $\frac{1}{2}''$	\$0.11		$\frac{3}{4}''$ x $\frac{3}{8}''$	$\frac{7}{8}''$ x $\frac{5}{8}''$	$\frac{1}{2}''$	\$0.06
3	$\frac{3}{4}''$ x $\frac{3}{8}''$	$\frac{7}{8}''$ x $\frac{1}{2}''$	$\frac{7}{8}''$ x $\frac{5}{8}''$	.15		$\frac{3}{4}''$ x $\frac{1}{2}''$	$\frac{11}{8}''$ x $\frac{1}{2}''$	$\frac{3}{4}''$	.09
3	$\frac{3}{4}''$ x $\frac{1}{2}''$	$\frac{7}{8}''$ x $\frac{5}{8}''$	$\frac{7}{8}''$ x $\frac{5}{8}''$	.15		$\frac{1}{2}''$ x $\frac{3}{8}''$	$\frac{11}{8}''$ x $\frac{5}{8}''$	$\frac{1}{2}''$	.11
5	$\frac{1}{2}''$ x $\frac{3}{8}''$	$\frac{11}{8}''$ x $\frac{1}{2}''$	$\frac{11}{8}''$ x $\frac{5}{8}''$	.20		$\frac{1}{2}''$ x $\frac{1}{2}''$	$\frac{11}{8}''$ x $\frac{1}{2}''$	$\frac{1}{2}''$	.15
5	$\frac{1}{2}''$ x $\frac{1}{2}''$	$\frac{11}{8}''$ x $\frac{5}{8}''$	$\frac{11}{8}''$ x $\frac{5}{8}''$	.20		$\frac{3}{4}''$ x $\frac{3}{8}''$	$\frac{11}{8}''$ x $\frac{7}{8}''$	$\frac{3}{4}''$	.15
5	$\frac{1}{2}''$ x $\frac{3}{4}''$	$\frac{11}{8}''$ x $\frac{7}{8}''$	$\frac{11}{8}''$ x $\frac{7}{8}''$	.20		$\frac{3}{4}''$ x $\frac{1}{4}''$	$\frac{13}{8}''$ x $\frac{7}{8}''$	$\frac{3}{4}''$	.15
5	$\frac{1}{2}''$ x $\frac{3}{4}''$	$\frac{13}{8}''$ x $\frac{7}{8}''$	$\frac{13}{8}''$ x $\frac{7}{8}''$	.24		$\frac{1}{2}''$ x $\frac{1}{4}''$	$\frac{13}{8}''$ x $\frac{1}{2}''$	$\frac{1}{2}''$	.15
5	$\frac{1}{2}''$ x $\frac{1}{4}''$	$\frac{13}{8}''$ x $\frac{1}{2}''$	$\frac{13}{8}''$ x $\frac{1}{2}''$	.24		$\frac{1}{2}''$ x $\frac{1}{8}''$	$\frac{15}{8}''$ x $\frac{1}{2}''$	$\frac{1}{2}''$	.15
5	$\frac{1}{2}''$ x $\frac{3}{4}''$	$\frac{15}{8}''$ x $\frac{1}{2}''$	$\frac{15}{8}''$ x $\frac{1}{2}''$	.28		$\frac{1}{2}''$ x $\frac{1}{8}''$	$\frac{15}{8}''$ x $\frac{3}{8}''$	$\frac{1}{2}''$	.15
5	$\frac{1}{2}''$ x $\frac{1}{4}''$	$\frac{15}{8}''$ x $\frac{3}{8}''$	$\frac{15}{8}''$ x $\frac{3}{8}''$	.28		$\frac{1}{2}''$ x $\frac{1}{4}''$	$\frac{21}{8}''$ x $\frac{1}{2}''$	$\frac{1}{2}''$	.15
5	$\frac{1}{2}''$ x $\frac{1}{4}''$	$\frac{21}{8}''$ x $\frac{1}{2}''$	$\frac{21}{8}''$ x $\frac{1}{2}''$	.46		$\frac{1}{2}''$ x $\frac{1}{8}''$	$\frac{21}{8}''$ x $\frac{3}{8}''$	$\frac{1}{2}''$	.46
5	$\frac{1}{2}''$ x $\frac{1}{8}''$	$\frac{21}{8}''$ x $\frac{3}{8}''$	$\frac{21}{8}''$ x $\frac{3}{8}''$	.28		$\frac{1}{2}''$ x $\frac{1}{8}''$	$\frac{21}{8}''$ x $\frac{5}{8}''$	$\frac{1}{2}''$	.46
5	$\frac{1}{2}''$ x $\frac{1}{8}''$	$\frac{21}{8}''$ x $\frac{5}{8}''$	$\frac{21}{8}''$ x $\frac{5}{8}''$	.28		$\frac{1}{2}''$ x $\frac{1}{8}''$	$\frac{21}{8}''$ x $\frac{7}{8}''$	$\frac{1}{2}''$	.46
					Sizes will be considered as "nominal" unless definitely specified as "actual"				

Sizes will be considered as "nominal", unless definitely specified as "actual".

DROP EAR BRACKEI—No. 1645

Nominal Size	Actual Size	Size	List Price Each
$\frac{3}{8}''$	$\frac{1}{2}''$	$\frac{1}{2}''$	\$0.06
$\frac{1}{2}''$	$\frac{5}{8}''$	$\frac{5}{8}''$ . . . . .	.09
$\frac{3}{4}''$	$\frac{7}{8}''$	$\frac{7}{8}''$ . . . . .	.11
1"	$1\frac{1}{8}''$	$1\frac{1}{8}''$ . . . . .	.15

DATA

SHEETS

RODS

WIRE

TUBES

SHAPES

ACCESSORIES

168

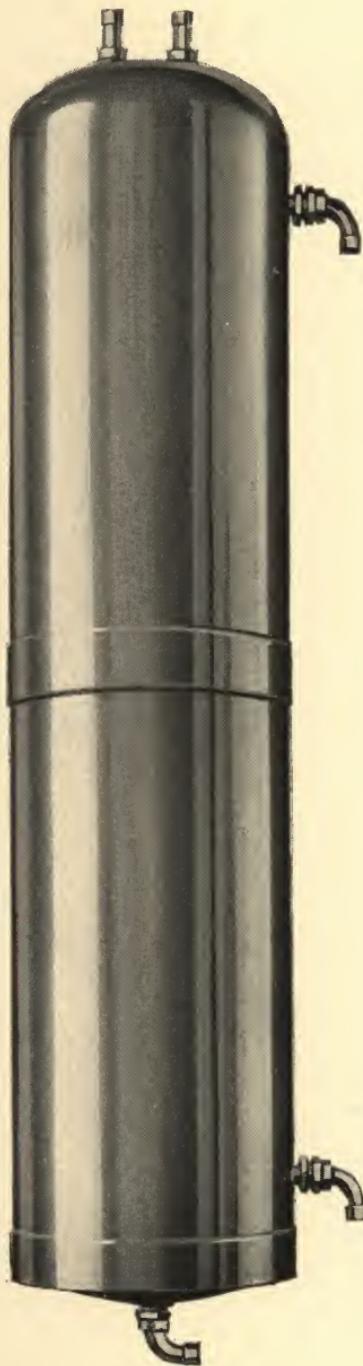
T. E. Conklin Brass & Copper Co.
Inc.

ESTABLISHED 1860

"BROWN & BROTHERS"

SEAMLESS COPPER RANGE BOILERS

— 20 YEAR GUARANTEE —



"BROWN & BROTHERS"
SEAMLESS COPPER RANGE BOILERS

PRICE LIST

Capacity Gallons	Dimensions Inches	250 Lb. Test 106 Lb. Working Pressure	350 Lb. Test 127½ Lb. Working Pressure
30	12x60	\$44.00	\$50.00
35	14x53	54.00	61.00
40	14x60	58.00	66.00
50	16x60	79.00	94.00
60	16x70	94.00	113.00
80	20x60	126.00	151.00
100	20x76	147.00	189.00
120	24x60	184.00	236.00

30, 35 and 40 Gallon Range Boilers will be regularly furnished with old style or hilo tap, including couplings and tube.

Couplings can be furnished in either $\frac{3}{4}$ " fine thread female, $\frac{1}{2}$ " iron pipe size female or $\frac{3}{4}$ " iron pipe size male.

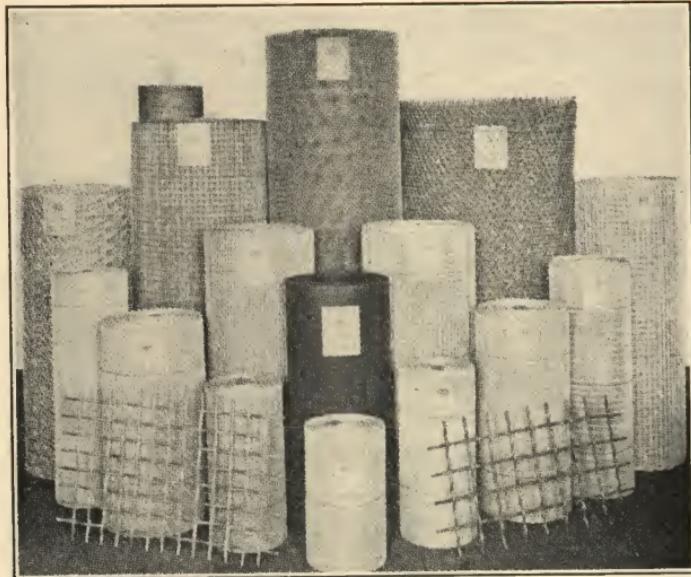
50, 60, 80, 100 and 120 Gallon will be regularly furnished old style or hilo tap, including 1" iron pipe size female tappings and tube.

Standard Horizontal Boilers priced same as Standard Vertical.

Discounts quoted upon application.

"EVERDUR" BRONZE RANGE BOILERS

in the above capacities and dimensions may be furnished on short notice, from Factory.



Wire Cloth and Wire Work to meet *all* requirements

MARKET GRADE (INDUSTRIAL) BRASS WIRE CLOTH

Standard Length Rolls 50 and 100 Lineal Feet

Regular Stock Width 36 Inches

Other Widths at Once From Factory Stock

Mesh	W. & M. Gauge	Decimal Size of Wire Inches	Decimal Size of Opening Inches	Weight Per Sq. Ft.	Open Area	List Price Per Sq. Ft.
2	16	.063	.437	.60 lbs.	76.4%	\$.65
3	17	.054	.279	.67 lbs.	70.1%	.70
4	18	.047	.203	.63 lbs.	65.9%	.70
5	19	.041	.159	.60 lbs.	63.2%	.70
6	20	.035	.132	.57 lbs.	62.7%	.70
8	22	.028	.097	.45 lbs.	60.2%	.65
10	23	.025	.075	.43 lbs.	56.3%	.65
12	24	.023	.060	.43 lbs.	51.8%	.65
14	25	.020	.051	.395 lbs.	51.0%	.65
16	26	.018	.0445	.38 lbs.	50.7%	.65
18	27	.017	.0386	.38 lbs.	48.3%	.60
20	28	.016	.034	.375 lbs.	46.2%	.60
24	31	.0132	.0282	.31 lbs.	45.8%	.55
30	33	.012	.0213	.32 lbs.	40.8%	.60
40	34	.010	.015	.27 lbs.	36.0%	.70
50	36	.009	.011	.275 lbs.	30.3%	.85
60	39	.0075	.0092	.23 lbs.	30.5%	.80
80	45	.0055	.0068	.19 lbs.	29.6%	1.25
90	47	.005	.0061	.165 lbs.	30.0%	1.50
100	50	.0044	.0055	.12 lbs.	30.3%	1.75

MARKET GRADE (INDUSTRIAL) COPPER WIRE CLOTH

2	16	.063	.437	.60 lbs.	76.4%	.65
4	18	.047	.203	.63 lbs.	65.9%	.70
24	31	.0132	.0282	.31 lbs.	45.8%	.55
50	36	.009	.011	.275 lbs.	30.3%	.85

The term "Mesh" represents the number of openings per lineal inch.

Prices quoted upon application

BRASS STRAINER CLOTH

24, 30, 40, 50, 60, 80 Mesh



In Rolls 12" wide x 60" long

Note:—The various sizes listed represent stock items only. We can furnish from mill stock without delay wire cloth of practically any width or gauge of wire.

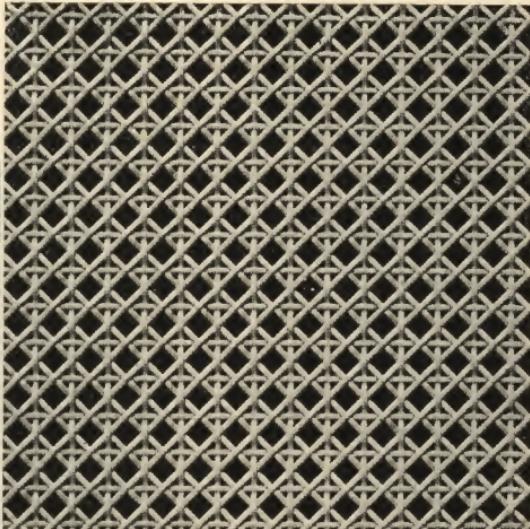
CANE GRILLE

Commercial Bronze

Cold Rolled Steel

A Revelation in Woven Metal
Sometimes called "Metalace"

Pattern No. 10



Pattern No. 70

One-third Actual Size

Metalace is used throughout all parts of architectural construction. And it is used by most widely diversified types of manufacturers. In fact, it is now a universal necessity wherever genuine grille of intrinsic beauty is appreciated.

Furnished in 25 foot rolls, 36 inches wide.

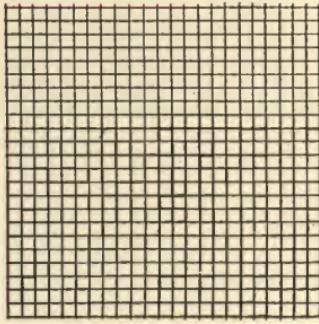
We will cut to exact sizes.

Several other attractive patterns can be furnished—illustrated booklet mailed upon request.

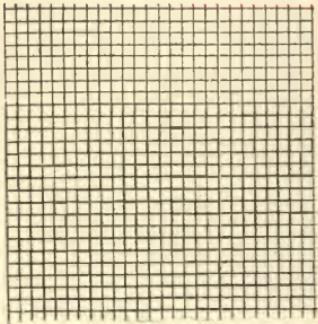
Prices quoted upon application.

SCREEN CLOTH

Tecco Brand Screen Cloth
in
Bronze and Copper



16 Mesh
No. 32 O.E. Wire



18 Mesh
No. 33 O.E. Wire

Attractively packed in cartons and cored to prevent buckling. Each roll has the well known "Gold Strand" measuring tape, graduated to inches for conveniently and easily cutting to any desired length. This is an exclusive feature with

"The famous Gold Strand"

The standard of Screen Cloth Quality manufactured by the American Wire Fabrics Corp., subsidiary of Wickwire Spencer Steel Co.

16 Mesh bronze, in bright and antique finish is carried in New York stock for immediate shipment in rolls of 100 ft. and in all widths from 18" and every 2 inches to 48".

We can supply 18-mesh bronze in bright and antique and 16- or 18-mesh copper in bright or dark finish in rolls of 100 lineal feet from factory stock.

Rolls of 50 lineal feet may be obtained from factory stock in all the above widths and meshes.

We are prepared to quote on rolls 54", 60", 66" and 72" wide in 16-mesh bright or antique bronze.

Cast in the Rough
Allow for Machining

BRONZE BUSHINGS

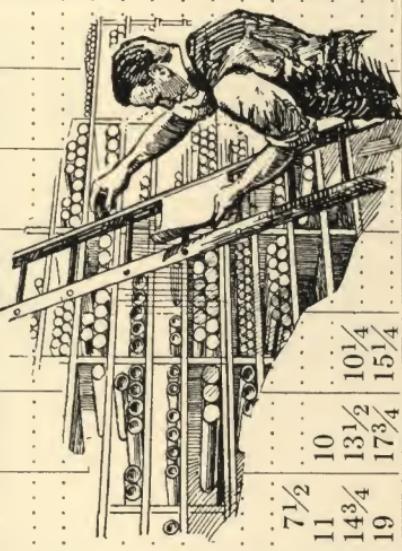
Solid and Cored

Approximate weight in pounds of each size

Outside Diameter	Inside Diameter										Solid Bars							
	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"	Dia.	Wgt.	
1"	2 3/8	2 1/2	3 1/2	3	4	3 1/4	4 1/2	3 7/8	4 7/8	4 1/4	5 1/2	6 1/4	6 3/4	7 1/2	5 1/2	1 1/2"	3/4"	
1 1/8"	3	4	5	4 1/2	5	5 1/4	5 3/4	6 1/4	6 3/4	6 1/4	7 1/2	8 1/2	9 1/4	10 5/8	8 1/4	1 1/8"	1 1/4"	
1 1/4"	4	5	6 1/4	6 3/4	7 1/4	8	7 1/2	10	9 1/4	10 1/2	11 1/2	12 1/8	13 1/8	14 1/4	12 1/8	1 1/4"	1 3/4"	
1 3/8"	5	6 1/4	7 1/4	8	11 1/4	10 3/4	12 3/4	13 3/4	12 3/4	13 1/4	16	15	17 3/4	17	15 3/4	14 3/4	2"	4 3/4"
1 1/2"	6 1/4	7 1/4	8	11 1/4	10 3/4	12 3/4	13 3/4	13 3/4	13 1/4	14 1/4	16 1/2	17	18 1/2	17 3/4	19 5/8	20 1/4	21 1/4	9 1/4"
1 5/8"	7 1/4	8	11 1/4	10 3/4	12 3/4	13 3/4	13 3/4	13 3/4	13 1/4	14 1/4	16 1/2	17	18 1/2	17 3/4	22 3/4	23 3/4	22 3/4	12 1/2"
1 3/4"	8	11 1/4	10 3/4	12 3/4	13 3/4	13 3/4	13 3/4	13 3/4	13 1/4	14 1/4	16 1/2	17	18 1/2	17 3/4	25	25	25	15 1/4"
2"	10	9 1/4	8 1/2	7 1/2	6 3/4	5 1/2	4 1/4	3 7/8	4 1/2	5 1/2	6 7/8	7 3/4	8 1/2	9 1/2	5 1/2	7 1/2	7 1/2	7
2 1/4"	12 1/8	11 1/2	10 5/8	9 1/2	8 1/4	7 1/2	6 7/8	5 1/2	6 7/8	7 1/2	8 1/4	9 1/2	10 5/8	11 1/2	12 1/8	12 1/8	12 1/8	8
2 1/2"	13 1/8	12 1/4	11 1/4	10 1/2	9 1/4	8 1/4	7 1/2	6 7/8	7 1/2	8 1/4	9 1/2	10 5/8	11 1/2	12 1/8	13 1/8	13 1/8	13 1/8	9 1/4"
2 3/4"	14 1/4	13 1/4	12 1/4	11 1/4	10 1/2	9 1/4	8 1/4	7 1/2	8 1/4	9 1/2	10 5/8	11 1/2	12 1/8	13 1/8	14 3/4	13 1/2	13 1/2	12 1/2"
3"	15	14 1/4	13 1/4	12 1/4	11 1/4	10 1/2	9 1/4	8 1/4	7 1/2	8 1/4	9 1/2	10 5/8	11 1/2	12 1/8	13 1/8	14 3/4	13 1/4	13 1/4
																		2 1/4"

Sizes carried in stock up to and including 3-inch diameter. Larger sizes delivered in 24 hours.

Price upon application



SOLDER

CONKLIN'S BEST SOLDER

Regulation Bars— $1\frac{1}{2}$ lb. each

We guarantee that this brand of solder is made from new lead and new tin, carefully mixed in equal parts (50% tin and 50% lead) of the highest grade and absolutely free from impurities.

CONKLIN'S COMMERCIAL SOLDER

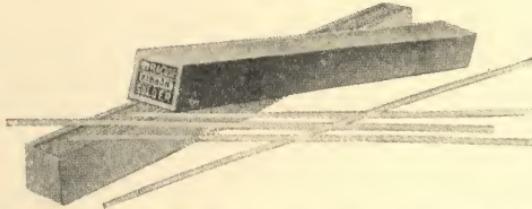
Regulation Bars— $1\frac{1}{2}$ lb. each

Conklin's Commercial Solder (Extra Wiping Solder). If an exceptionally fine grade of solder is required for wiping we recommend this brand containing 40% tin and 60% lead made from selected virgin materials.

Regulation Bars— $\frac{1}{2}$ lb. each

Capping Bar Solder has the identical physical and chemical characteristics as Conklin's Best Solder, recommended for light work.

RIBBON SOLDER



A rolled solder made in ribbons $\frac{3}{8}$ " wide by $\frac{1}{16}$ " thick, 15 inches long and packed 5 pounds to the box. Ideal for light work. Mixture 50% Tin—50% Lead.

No. 10 Ga.
Wire Solder

40% Tin—60% Lead
50% Tin—50% Lead
60% Tin—40% Lead
5, 10, 25 and 50 lb. Spools

Perfection
(Babbitt) Metal

The largest selling Brand of anti-friction metal in America and the most widely used.

Special Wire Solder

Years of research and actual experience has proven conclusively that this particular mixture is ideal for use in conjunction with solder (sweat) fittings and copper tube.



95% Tin—5% Antimony

Solder or babbitt in any form or composition furnished from factory on short notice—Customer's name can be cast in the bars at a nominal initial cost.

"CONKLIN" BRAZING SOLDER

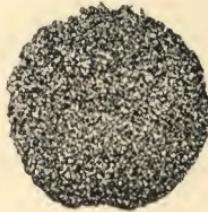
The following photographic reproductions (about three-fourths actual size) illustrate the character of the principal grains in which "Conklin" Brazing Solder is furnished:

Long Grain



Long Grain,
No. 23, Extra Fine.

Round Grain



Round Grain,
No. 10, Med. Fine.



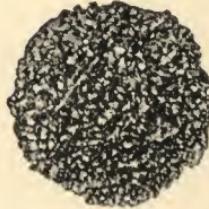
Long Grain,
No. 22, Fine.



Round Grain,
No. 41, Fine.



Long Grain,
No. 20, Med. Fine.



Round Grain,
No. 26, Med. Fine.

Twenty-five years' experience in producing Brazing Solder has developed a wide range of alloys which are carefully granulated to meet any specification for various uses, including the manufacture of the following: Automobiles and Motorcycles, Brass and Steel Buttons, Sugar Apparatus and Acid Stills, Copper Work for Marine purposes, Jewelry and small Metal Wares, Brazed Brass and Steel Tubes.

LIST OF STANDARD GRADES

Giving Numbers, Grains, Sizes, Colors and Melting Temperatures

Stock No.	Grain	Size	Color	Melting Point	
				°C	°F
41	Round	Fine	Yellow	882	1620
26	Round	Med. Fine	Yellow	882	1620
24	Round	Coarse	Yellow	882	1620
12	Round	Fine	Grey	813	1495
10	Round	Med. Fine	Grey	813	1495
23	Long	Extra Fine	Yellow	882	1620
22	Long	Fine	Yellow	882	1620
21	Combination of No. 22 & No. 20			882	1620
20	Long	Med. Fine	Yellow	882	1620

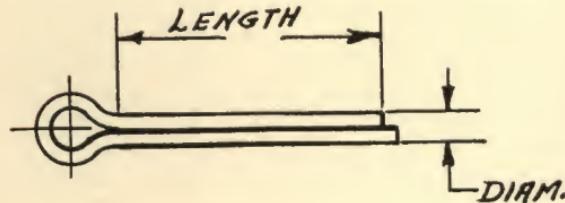
Standard Package—1 Pound
Prices quoted upon application

TECCO BRAND
FORGED SOLDERING COPPERS

Pointed Pattern

No.	Weight in Lbs. Each	Net Extras over Base
$\frac{1}{2}$	$\frac{1}{2}$ lb.	\$.06
$\frac{3}{4}$	$\frac{3}{4}$ lb.	.03
1	1 lb.	.02
$1\frac{1}{4}$	$1\frac{1}{4}$ lb.	.01
$1\frac{1}{2}$	$1\frac{1}{2}$ lb.	Base
2	2 lb.	Base
$2\frac{1}{2}$	$2\frac{1}{2}$ lb.	Base
3	3 lb.	Base
4	4 lb.	Base

BRASS SPRING COTTER PINS



Made of half round spring wire. Length measured under head to end of point.

List price per thousand—Subject to discount.

Length, Inches	Diameter, Inches					
	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{1}{4}$
$\frac{1}{2}$	\$2.80	\$3.20	\$4.40	.....	.....	.....
$\frac{5}{8}$	3.60	4.24	6.00	.....	.....	.....
$\frac{3}{4}$	3.60	4.24	6.00	\$9.60	\$13.60	.....
1	4.40	5.20	7.20	11.60	16.40	\$27.20
$1\frac{1}{4}$	....	6.24	8.80	13.60	19.20	32.00
$1\frac{1}{2}$	....	7.20	10.00	15.60	22.00	36.80
2	....	....	12.80	19.60	27.60	46.40
$2\frac{1}{2}$	....	....	....	....	33.20	56.00
3	....	....	....	....	40.00	62.40

Sizes not listed can be secured at once from factory stock.

T. E. Conklin Brass & Copper Co., Inc.

ESTABLISHED 1860

DATA

COMPARISON OF GAUGES

FRACTIONS AND DECIMAL EQUIVALENTS

CONVERSION TABLES

RULES RELATIVE TO THE CIRCLE

CHEMICAL AND PHYSICAL PROPERTIES

APPROXIMATE ALLOY COMPOSITION

CAPACITY OF TANKS



IN STOCK — FOR IMMEDIATE SHIPMENT

DATA

SHEETS

RODS

WIRE

TUBES

SHAPES

ACCESSORIES

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IN STOCK — FOR IMMEDIATE SHIPMENT

Thickness of
STANDARD COPPER SHEETS
Rolled to Weight

Weight per Sq. Ft.		Thickness Inches	Nearest Gauge No.		Nearest Fraction
Ounces	Pounds		B. & S.	Stubs	
		.3456	00	00	$\frac{11}{32}$
		.3240	0	0	$\frac{21}{64}+$
		.3024	1	1	$\frac{19}{64}-$
		.2808	1	2	$\frac{9}{32}$
		.2592	2	3	$\frac{1}{16}-$
		.2376	3	4	$\frac{13}{64}-$
		.2160	4	5	$\frac{7}{32}+$
		.2052	4	6	$\frac{13}{64}$
		.1944	4	6	
		.1836	5	7	$\frac{3}{16}+$
		.1728	5	8	$\frac{11}{64}$
		.1620	6	8	
		.1512	7	9	$\frac{5}{32}+$
		.1404	7	10	$\frac{9}{64}$
		.1296	8	10	$\frac{1}{8}-$
		.1188	9	11	
80	5	.1080	10	12	$\frac{7}{64}+$
72	4 $\frac{1}{2}$	.0972	10	13	$\frac{3}{32}-$
64	4	.0864	11	14	
56	3 $\frac{1}{2}$	.0756	13	15	$\frac{5}{64}+$
48	3	.0648	14	16	$\frac{1}{16}--$
44	2 $\frac{3}{4}$	.0594	15	17	
40	2 $\frac{1}{2}$	.0540	15	17	
36	2 $\frac{1}{4}$	.0486	16	18	$\frac{3}{64}-$
32	2	.0432	17	19	
28	1 $\frac{3}{4}$	.0378	19	20	
24	1 $\frac{1}{2}$	.0324	20	21	
20	1 $\frac{1}{4}$	.0270	21	22	
18	1 $\frac{1}{8}$	.0243	22	23	
16	1	.0216	23	24	
14	$\frac{7}{8}$	.0189	25	26	
12	$\frac{3}{4}$	.0162	26	27	
10	$\frac{5}{8}$	.0135	27	29	$\frac{1}{64}-$
8	$\frac{3}{8}$	.0108	29	31	
6	$\frac{3}{8}$	.0081	32	33	
4	$\frac{1}{8}$	.0054	35	35	
2	$\frac{1}{8}$	.0027			

The + sign shows that the size is more than 1 per cent. full.

The - sign shows that the size is more than 1 per cent. scant.

Variations from these weights must be expected in practice.

RULES RELATIVE TO THE CIRCLE**Hexagon and Octagon****To Find the Radius:**

Multiply the diameter by	.50000 Log. = $\bar{1}.69897$
Or " " circumference by	.15915 " = $\bar{1}.20182$
" " " sq. root of the area by	.56419 " = $\bar{1}.75143$

To Find the Diameter:

Multiply the radius by	2.00000 Log. = 0.30103
Or " " circumference by	0.31831 " = $\bar{1}.50285$
" " " sq. root of the area by	1.1284 " = 0.05246

To Find the Circumference:

Multiply the radius by	6.2832 Log. = 0.79818
Or " " diameter by	3.1416 " = 0.49715
" " " sq. root of the area by	3.5449 " = 0.54960

To Find the Area:

Multiply the sq. of the radius by	3.1416 Log. = 0.49715
Or " " " diameter by	0.78540 " = $\bar{1}.89509$
" " " " circumference by	0.079577 " = $\bar{2}.90079$

To Find the Area of a Hexagon:

Multiply the sq. of the distance between flats by	0.86603 Log. = $\bar{1}.93753$
Or multiply the area of the inscribed circle by	1.1027 " = 0.04244

To Find the Area of an Octagon:

Multiply the sq. of the distance between flats by	0.82843 Log. = $\bar{1}.91825$
Or multiply the area of the inscribed circle by	1.0548 " = 0.02316

CIRCLES AND SQUARES

Circumferences and Areas

Size Inches	Circum- ference of O in Inches	Area of O in Square Inches	Area of □ in Square Inches	Size Inches	Circum- ference of O in Inches	Area of O in Square Inches	Area of □ in Square Inches
$\frac{1}{16}$	.1963	.0031	.0039	$2\frac{1}{16}$	6.283	3.142	4.000
$\frac{1}{8}$	.3927	.0123	.0156	$2\frac{1}{8}$	6.480	3.341	4.254
$\frac{3}{16}$	.5890	.0276	.0352	$2\frac{3}{16}$	6.676	3.547	4.516
$\frac{1}{4}$	.7854	.0491	.0625	$2\frac{1}{4}$	6.872	3.758	4.785
$\frac{5}{16}$	.9817	.0767	.0977	$2\frac{5}{16}$	7.069	3.976	5.063
$\frac{3}{8}$	1.178	.1104	.1406	$2\frac{3}{8}$	7.265	4.200	5.348
$\frac{7}{16}$	1.374	.1503	.1914	$2\frac{7}{16}$	7.461	4.430	5.641
$\frac{1}{2}$	1.571	.1963	.2500	$2\frac{1}{2}$	7.658	4.666	5.941
$\frac{9}{16}$	1.767	.2485	.3164	$2\frac{9}{16}$	7.854	4.909	6.250
$\frac{5}{8}$	1.963	.3068	.3906	$2\frac{5}{8}$	8.050	5.157	6.566
$1\frac{1}{16}$	2.160	.3712	.4727	$2\frac{11}{16}$	8.247	5.412	6.891
$\frac{3}{4}$	2.356	.4418	.5625	$2\frac{3}{4}$	8.443	5.673	7.223
$1\frac{3}{16}$	2.553	.5185	.6602	$2\frac{13}{16}$	8.639	5.940	7.563
$\frac{7}{8}$	2.749	.6013	.7656	$2\frac{7}{8}$	8.836	6.213	7.910
$1\frac{15}{16}$	2.945	.6903	.8789	$2\frac{15}{16}$	9.032	6.492	8.266
1	3.142	.7854	1.000	3	9.228	6.777	8.629
$1\frac{1}{16}$	3.338	.8866	1.129	$3\frac{1}{16}$	9.425	7.069	9.000
$1\frac{1}{8}$	3.534	.9940	1.266	$3\frac{1}{8}$	9.621	7.366	9.379
$1\frac{3}{16}$	3.731	1.108	1.410	$3\frac{3}{16}$	9.817	7.670	9.766
$1\frac{1}{4}$	3.927	1.227	1.563	$3\frac{1}{4}$	10.01	7.980	10.16
$1\frac{5}{16}$	4.123	1.353	1.723	$3\frac{5}{16}$	10.21	8.296	10.56
$1\frac{3}{8}$	4.320	1.485	1.891	$3\frac{3}{8}$	10.41	8.618	10.97
$1\frac{1}{16}$	4.516	1.623	2.066	$3\frac{7}{16}$	10.60	8.946	11.39
$1\frac{1}{2}$	4.712	1.767	2.250	$3\frac{1}{2}$	10.80	9.281	11.82
$1\frac{9}{16}$	4.909	1.917	2.441	$3\frac{9}{16}$	11.00	9.621	12.25
$1\frac{5}{8}$	5.105	2.074	2.641	$3\frac{5}{8}$	11.19	9.968	12.69
$1\frac{11}{16}$	5.301	2.237	2.848	$3\frac{11}{16}$	11.39	10.32	13.14
$1\frac{3}{4}$	5.498	2.405	3.063	$3\frac{3}{4}$	11.58	10.68	13.60
$1\frac{13}{16}$	5.694	2.580	3.285	$3\frac{13}{16}$	11.78	11.04	14.06
$1\frac{7}{8}$	5.890	2.761	3.516	$3\frac{7}{8}$	12.17	11.42	14.54
$1\frac{15}{16}$	6.087	2.948	3.754	$3\frac{15}{16}$	12.37	12.18	15.02

Note: Weights of Circles may be found on page 315.

CIRCLES AND SQUARES

Circumferences and Areas

Size Inches	Circum- ference of O in Inches	Area of O in Square Inches	Area of □ in Square Inches	Size Inches	Circum- ference of O in Inches	Area of O in Square Inches	Area of □ in Square Inches
4	12.57	12.57	16.00	6	18.85	28.27	36.00
4 $\frac{1}{16}$	12.76	12.96	16.50	6 $\frac{1}{16}$	19.05	28.87	36.75
4 $\frac{1}{8}$	12.96	13.36	17.02	6 $\frac{1}{8}$	19.24	29.46	37.52
4 $\frac{3}{16}$	13.16	13.77	17.54	6 $\frac{3}{16}$	19.44	30.07	38.29
4 $\frac{1}{4}$	13.35	14.19	18.06	6 $\frac{1}{4}$	19.63	30.68	39.06
4 $\frac{5}{16}$	13.55	14.61	18.60	6 $\frac{5}{16}$	19.83	31.30	39.85
4 $\frac{3}{8}$	13.74	15.03	19.14	6 $\frac{3}{8}$	20.03	31.92	40.64
4 $\frac{7}{16}$	13.94	15.47	19.69	6 $\frac{7}{16}$	20.22	32.55	41.44
4 $\frac{1}{2}$	14.14	15.90	20.25	6 $\frac{1}{2}$	20.42	33.18	42.25
4 $\frac{9}{16}$	14.33	16.35	20.82	6 $\frac{9}{16}$	20.62	33.82	43.07
4 $\frac{5}{8}$	14.53	16.80	21.39	6 $\frac{5}{8}$	20.81	34.47	43.89
4 $\frac{11}{16}$	14.73	17.26	21.97	6 $\frac{11}{16}$	21.01	35.13	44.72
4 $\frac{3}{4}$	14.92	17.72	22.56	6 $\frac{3}{4}$	21.21	35.78	45.56
4 $\frac{13}{16}$	15.12	18.19	23.16	6 $\frac{13}{16}$	21.40	36.45	46.41
4 $\frac{7}{8}$	15.32	18.67	23.77	6 $\frac{7}{8}$	21.60	37.12	47.27
4 $\frac{15}{16}$	15.51	19.15	24.38	6 $\frac{15}{16}$	21.79	37.80	48.13
5	15.71	19.63	25.00	7	21.99	38.48	49.00
5 $\frac{1}{16}$	15.90	20.13	25.63	7 $\frac{1}{16}$	22.19	39.17	49.88
5 $\frac{1}{8}$	16.10	20.63	26.27	7 $\frac{1}{8}$	22.38	39.87	50.77
5 $\frac{3}{16}$	16.30	21.14	26.91	7 $\frac{3}{16}$	22.58	40.57	51.66
5 $\frac{1}{4}$	16.49	21.65	27.56	7 $\frac{1}{4}$	22.78	41.28	52.56
5 $\frac{5}{16}$	16.69	22.17	28.22	7 $\frac{5}{16}$	22.97	42.00	53.47
5 $\frac{3}{8}$	16.89	22.69	28.89	7 $\frac{3}{8}$	23.17	42.72	54.39
5 $\frac{7}{16}$	17.08	23.22	29.57	7 $\frac{7}{16}$	23.37	43.45	55.32
5 $\frac{1}{2}$	17.28	23.76	30.25	7 $\frac{1}{2}$	23.56	44.18	56.25
5 $\frac{9}{16}$	17.48	24.30	30.94	7 $\frac{9}{16}$	23.76	44.92	57.19
5 $\frac{5}{8}$	17.67	24.85	31.64	7 $\frac{5}{8}$	23.95	45.66	58.14
5 $\frac{11}{16}$	17.87	25.41	32.35	7 $\frac{11}{16}$	24.15	46.42	59.10
5 $\frac{3}{4}$	18.06	25.97	33.06	7 $\frac{3}{4}$	24.35	47.17	60.06
5 $\frac{13}{16}$	18.26	26.53	33.79	7 $\frac{13}{16}$	24.54	47.94	61.04
5 $\frac{7}{8}$	18.46	27.11	34.52	7 $\frac{7}{8}$	24.74	48.71	62.02
5 $\frac{15}{16}$	18.65	27.69	35.25	7 $\frac{15}{16}$	24.94	49.48	63.00

CIRCLES
Circumferences and Areas

Diam.		Circum.		Area		Diam.		Circum.		Area	
Ft.	In.	Ft.	In.	Sq. Ft.		Ft.	In.	Ft.	In.	Sq. Ft.	
1	0	3	1 $\frac{3}{4}$	.7854		1	6	4	8 $\frac{1}{2}$	1.767	
1	0 $\frac{1}{8}$	3	2 $\frac{1}{8}$	.8018		1	6 $\frac{1}{8}$	4	9	1.792	
1	0 $\frac{3}{4}$	3	2 $\frac{1}{2}$	.8185		1	6 $\frac{3}{4}$	4	9 $\frac{3}{8}$	1.817	
1	0 $\frac{5}{8}$	3	2 $\frac{7}{8}$	.8353		1	6 $\frac{5}{8}$	4	9 $\frac{3}{4}$	1.842	
1	0 $\frac{1}{2}$	3	3 $\frac{1}{4}$	.8522		1	6 $\frac{1}{2}$	4	10 $\frac{1}{8}$	1.867	
1	0 $\frac{5}{8}$	3	3 $\frac{5}{8}$	.8693		1	6 $\frac{5}{8}$	4	10 $\frac{1}{2}$	1.892	
1	0 $\frac{3}{4}$	3	4	.8866		1	6 $\frac{3}{4}$	4	10 $\frac{7}{8}$	1.917	
1	0 $\frac{7}{8}$	3	4 $\frac{1}{2}$	.9041		1	6 $\frac{7}{8}$	4	11 $\frac{1}{4}$	1.943	
1	1	3	4 $\frac{7}{8}$	.9218		1	7	4	11 $\frac{3}{4}$	1.969	
1	1 $\frac{1}{8}$	3	5 $\frac{1}{4}$	.9396		1	7 $\frac{1}{8}$	5	0 $\frac{3}{8}$	1.995	
1	1 $\frac{1}{4}$	3	5 $\frac{5}{8}$	.9575		1	7 $\frac{1}{4}$	5	0 $\frac{1}{2}$	2.021	
1	1 $\frac{3}{8}$	3	6	.9757		1	7 $\frac{3}{8}$	5	0 $\frac{7}{8}$	2.047	
1	1 $\frac{1}{2}$	3	6 $\frac{3}{8}$	.9940		1	7 $\frac{1}{2}$	5	1 $\frac{1}{4}$	2.074	
1	1 $\frac{5}{8}$	3	6 $\frac{3}{4}$	1.013		1	7 $\frac{5}{8}$	5	1 $\frac{5}{8}$	2.101	
1	1 $\frac{3}{4}$	3	7 $\frac{1}{4}$	1.031		1	7 $\frac{3}{4}$	5	2	2.127	
1	1 $\frac{7}{8}$	3	7 $\frac{5}{8}$	1.050		1	7 $\frac{7}{8}$	5	2 $\frac{1}{2}$	2.154	
1	2	3	8	1.069		1	8	5	2 $\frac{7}{8}$	2.182	
1	2 $\frac{1}{8}$	3	8 $\frac{3}{8}$	1.088		1	8 $\frac{1}{8}$	5	3 $\frac{1}{4}$	2.209	
1	2 $\frac{3}{4}$	3	8 $\frac{3}{4}$	1.108		1	8 $\frac{1}{4}$	5	3 $\frac{5}{8}$	2.237	
1	2 $\frac{5}{8}$	3	9 $\frac{1}{8}$	1.127		1	8 $\frac{5}{8}$	5	4	2.264	
1	2 $\frac{3}{2}$	3	9 $\frac{1}{2}$	1.147		1	8 $\frac{1}{2}$	5	4 $\frac{3}{8}$	2.292	
1	2 $\frac{5}{8}$	3	10	1.167		1	8 $\frac{3}{8}$	5	4 $\frac{3}{4}$	2.320	
1	2 $\frac{3}{4}$	3	10 $\frac{3}{8}$	1.187		1	8 $\frac{3}{4}$	5	5 $\frac{1}{4}$	2.348	
1	2 $\frac{7}{8}$	3	10 $\frac{1}{4}$	1.207		1	8 $\frac{7}{8}$	5	5 $\frac{5}{8}$	2.377	
1	3	3	11 $\frac{1}{8}$	1.227		1	9	5	6	2.405	
1	3 $\frac{1}{8}$	3	11 $\frac{1}{2}$	1.248		1	9 $\frac{1}{8}$	5	6 $\frac{3}{8}$	2.434	
1	3 $\frac{1}{4}$	3	11 $\frac{3}{8}$	1.268		1	9 $\frac{1}{4}$	5	6 $\frac{3}{4}$	2.463	
1	3 $\frac{3}{8}$	4	0 $\frac{1}{4}$	1.289		1	9 $\frac{3}{8}$	5	7 $\frac{1}{8}$	2.492	
1	3 $\frac{1}{2}$	4	0 $\frac{3}{4}$	1.310		1	9 $\frac{1}{2}$	5	7 $\frac{1}{2}$	2.521	
1	3 $\frac{5}{8}$	4	1 $\frac{1}{8}$	1.332		1	9 $\frac{5}{8}$	5	7 $\frac{7}{8}$	2.551	
1	3 $\frac{3}{4}$	4	1 $\frac{1}{2}$	1.353		1	9 $\frac{3}{4}$	5	8 $\frac{3}{8}$	2.580	
1	3 $\frac{7}{8}$	4	1 $\frac{7}{8}$	1.375		1	9 $\frac{7}{8}$	5	8 $\frac{3}{4}$	2.610	
1	4	4	2 $\frac{1}{4}$	1.396		1	10	5	9 $\frac{1}{8}$	2.640	
1	4 $\frac{1}{8}$	4	2 $\frac{5}{8}$	1.418		1	10 $\frac{1}{8}$	5	9 $\frac{1}{2}$	2.670	
1	4 $\frac{1}{4}$	4	3	1.440		1	10 $\frac{1}{4}$	5	9 $\frac{7}{8}$	2.700	
1	4 $\frac{3}{8}$	4	3 $\frac{1}{2}$	1.462		1	10 $\frac{3}{8}$	5	10 $\frac{1}{4}$	2.731	
1	4 $\frac{1}{2}$	4	3 $\frac{3}{8}$	1.485		1	10 $\frac{1}{2}$	5	10 $\frac{5}{8}$	2.761	
1	4 $\frac{5}{8}$	4	4 $\frac{1}{4}$	1.507		1	10 $\frac{5}{8}$	5	11 $\frac{1}{8}$	2.792	
1	4 $\frac{3}{4}$	4	4 $\frac{3}{8}$	1.530		1	10 $\frac{3}{4}$	5	11 $\frac{1}{2}$	2.823	
1	4 $\frac{7}{8}$	4	5	1.553		1	10 $\frac{7}{8}$	5	11 $\frac{7}{8}$	2.854	
1	5	4	5 $\frac{3}{8}$	1.576		1	11	6	0 $\frac{1}{4}$	2.885	
1	5 $\frac{1}{8}$	4	5 $\frac{3}{4}$	1.600		1	11 $\frac{1}{8}$	6	0 $\frac{5}{8}$	2.917	
1	5 $\frac{1}{4}$	4	6 $\frac{1}{4}$	1.623		1	11 $\frac{3}{4}$	6	1	2.948	
1	5 $\frac{3}{8}$	4	6 $\frac{5}{8}$	1.647		1	11 $\frac{3}{8}$	6	1 $\frac{3}{8}$	2.980	
1	5 $\frac{1}{2}$	4	7	1.670		1	11 $\frac{1}{2}$	6	1 $\frac{7}{8}$	3.012	
1	5 $\frac{5}{8}$	4	7 $\frac{3}{8}$	1.694		1	11 $\frac{5}{8}$	6	2 $\frac{1}{4}$	3.044	
1	5 $\frac{3}{4}$	4	7 $\frac{3}{4}$	1.718		1	11 $\frac{3}{4}$	6	2 $\frac{5}{8}$	3.076	
1	5 $\frac{7}{8}$	4	8 $\frac{1}{8}$	1.743		1	11 $\frac{7}{8}$	6	3	3.109	

CIRCLES

Circumferences and Areas

Diam.		Circum.		Area	Diam.		Circum.		Area
Ft.	In.	Ft.	In.	Sq. Ft.	Ft.	In.	Ft.	In.	Sq. Ft.
2	0	6	3 $\frac{3}{8}$	3.142	3	0	9	5 $\frac{1}{8}$	7.069
2	0 $\frac{1}{4}$	6	4 $\frac{1}{8}$	3.207	3	0 $\frac{1}{4}$	9	5 $\frac{1}{8}$	7.167
2	0 $\frac{1}{2}$	6	5	3.274	3	0 $\frac{1}{2}$	9	6 $\frac{5}{8}$	7.266
2	0 $\frac{3}{4}$	6	5 $\frac{3}{4}$	3.341	3	0 $\frac{3}{4}$	9	7 $\frac{1}{2}$	7.366
2	1	6	6 $\frac{1}{2}$	3.409	3	1	9	8 $\frac{1}{4}$	7.467
2	1 $\frac{1}{4}$	6	7 $\frac{3}{8}$	3.477	3	1 $\frac{1}{4}$	9	9	7.568
2	1 $\frac{1}{2}$	6	8 $\frac{1}{8}$	3.547	3	1 $\frac{1}{2}$	9	9 $\frac{3}{4}$	7.670
2	1 $\frac{3}{4}$	6	8 $\frac{7}{8}$	3.616	3	1 $\frac{3}{4}$	9	10 $\frac{5}{8}$	7.772
2	2	6	9 $\frac{5}{8}$	3.687	3	2	9	11 $\frac{3}{8}$	7.876
2	2 $\frac{1}{4}$	6	10 $\frac{1}{2}$	3.758	3	2 $\frac{1}{4}$	10	0 $\frac{1}{8}$	7.980
2	2 $\frac{1}{2}$	6	11 $\frac{1}{4}$	3.830	3	2 $\frac{1}{2}$	10	1	8.084
2	2 $\frac{3}{4}$	7	0	3.903	3	2 $\frac{3}{4}$	10	1 $\frac{1}{4}$	8.190
2	3	7	0 $\frac{7}{8}$	3.976	3	3	10	2 $\frac{1}{2}$	8.296
2	3 $\frac{1}{4}$	7	1 $\frac{1}{8}$	4.050	3	3 $\frac{1}{4}$	10	3 $\frac{1}{4}$	8.402
2	3 $\frac{1}{2}$	7	2 $\frac{3}{8}$	4.125	3	3 $\frac{1}{2}$	10	4 $\frac{1}{8}$	8.510
2	3 $\frac{3}{4}$	7	3 $\frac{3}{8}$	4.200	3	3 $\frac{3}{4}$	10	4 $\frac{7}{8}$	8.618
2	4	7	4	4.276	3	4	10	5 $\frac{5}{8}$	8.727
2	4 $\frac{1}{4}$	7	4 $\frac{3}{4}$	4.353	3	4 $\frac{1}{4}$	10	6 $\frac{1}{2}$	8.836
2	4 $\frac{1}{2}$	7	5 $\frac{1}{2}$	4.430	3	4 $\frac{1}{2}$	10	7 $\frac{1}{4}$	8.946
2	4 $\frac{3}{4}$	7	6 $\frac{3}{8}$	4.508	3	4 $\frac{3}{4}$	10	8	9.057
2	5	7	7 $\frac{1}{8}$	4.587	3	5	10	8 $\frac{3}{4}$	9.168
2	5 $\frac{1}{4}$	7	7 $\frac{7}{8}$	4.666	3	5 $\frac{1}{4}$	10	9 $\frac{5}{8}$	9.281
2	5 $\frac{1}{2}$	7	8 $\frac{5}{8}$	4.746	3	5 $\frac{1}{2}$	10	10 $\frac{3}{8}$	9.393
2	5 $\frac{3}{4}$	7	9 $\frac{1}{2}$	4.827	3	5 $\frac{3}{4}$	10	11 $\frac{1}{8}$	9.507
2	6	7	10 $\frac{1}{4}$	4.909	3	6	11	0	9.621
2	6 $\frac{1}{4}$	7	11	4.991	3	6 $\frac{1}{4}$	11	0 $\frac{3}{4}$	9.736
2	6 $\frac{1}{2}$	7	11 $\frac{7}{8}$	5.074	3	6 $\frac{1}{2}$	11	1 $\frac{1}{2}$	9.852
2	6 $\frac{3}{4}$	8	0 $\frac{5}{8}$	5.157	3	6 $\frac{3}{4}$	11	2 $\frac{1}{4}$	9.968
2	7	8	1 $\frac{3}{8}$	5.241	3	7	11	3 $\frac{1}{8}$	10.08
2	7 $\frac{1}{4}$	8	2 $\frac{1}{8}$	5.326	3	7 $\frac{1}{4}$	11	3 $\frac{7}{8}$	10.20
2	7 $\frac{1}{2}$	8	3	5.412	3	7 $\frac{1}{2}$	11	4 $\frac{5}{8}$	10.32
2	7 $\frac{3}{4}$	8	3 $\frac{3}{4}$	5.498	3	7 $\frac{3}{4}$	11	5 $\frac{1}{2}$	10.44
2	8	8	4 $\frac{1}{2}$	5.585	3	8	11	6 $\frac{1}{4}$	10.56
2	8 $\frac{1}{4}$	8	5 $\frac{3}{8}$	5.673	3	8 $\frac{1}{4}$	11	7	10.68
2	8 $\frac{1}{2}$	8	6 $\frac{1}{8}$	5.761	3	8 $\frac{1}{2}$	11	7 $\frac{3}{4}$	10.80
2	8 $\frac{3}{4}$	8	6 $\frac{7}{8}$	5.850	3	8 $\frac{3}{4}$	11	8 $\frac{5}{8}$	10.92
2	9	8	7 $\frac{3}{8}$	5.940	3	9	11	9 $\frac{3}{8}$	11.04
2	9 $\frac{1}{4}$	8	8 $\frac{1}{2}$	6.030	3	9 $\frac{1}{4}$	11	10 $\frac{1}{8}$	11.17
2	9 $\frac{1}{2}$	8	9 $\frac{1}{4}$	6.121	3	9 $\frac{1}{2}$	11	11	11.29
2	9 $\frac{3}{4}$	8	10	6.213	3	9 $\frac{3}{4}$	11	11 $\frac{3}{4}$	11.42
2	10	8	10 $\frac{7}{8}$	6.305	3	10	12	0 $\frac{1}{2}$	11.54
2	10 $\frac{1}{4}$	8	11 $\frac{5}{8}$	6.398	3	10 $\frac{1}{4}$	12	1 $\frac{1}{4}$	11.67
2	10 $\frac{1}{2}$	9	0 $\frac{3}{8}$	6.492	3	10 $\frac{1}{2}$	12	2 $\frac{1}{8}$	11.79
2	10 $\frac{3}{4}$	9	1 $\frac{1}{8}$	6.586	3	10 $\frac{3}{4}$	12	2 $\frac{7}{8}$	11.92
2	11	9	2	6.681	3	11	12	3 $\frac{3}{8}$	12.05
2	11 $\frac{1}{4}$	9	2 $\frac{3}{4}$	6.777	3	11 $\frac{1}{4}$	12	4 $\frac{1}{2}$	12.18
2	11 $\frac{1}{2}$	9	3 $\frac{1}{2}$	6.874	3	11 $\frac{1}{2}$	12	5 $\frac{1}{4}$	12.31
2	11 $\frac{3}{4}$	9	4 $\frac{1}{4}$	6.971	3	11 $\frac{3}{4}$	12	6	12.44

CIRCLES
Circumferences and Areas

Diam.		Circum.		Area		Diam.		Circum.		Area	
Ft.	In.	Ft.	In.	Sq. Ft.		Ft.	In.	Ft.	In.	Sq. Ft.	
4	0	12	6 $\frac{3}{4}$	12.57		5	0	15	8 $\frac{1}{2}$	19.63	
4	0 $\frac{1}{4}$	12	7 $\frac{7}{8}$	12.70		5	0 $\frac{1}{4}$	15	9 $\frac{1}{4}$	19.80	
4	0 $\frac{1}{2}$	12	8 $\frac{3}{8}$	12.83		5	0 $\frac{1}{2}$	15	10 $\frac{1}{8}$	19.96	
4	0 $\frac{3}{4}$	12	9 $\frac{1}{8}$	12.96		5	0 $\frac{3}{4}$	15	10 $\frac{7}{8}$	20.13	
4	1	12	10	13.10		5	1	15	11 $\frac{5}{8}$	20.29	
4	1 $\frac{1}{4}$	12	10 $\frac{3}{4}$	13.23		5	1 $\frac{1}{4}$	16	0 $\frac{3}{8}$	20.46	
4	1 $\frac{1}{2}$	12	11 $\frac{1}{2}$	13.36		5	1 $\frac{1}{2}$	16	1 $\frac{1}{4}$	20.63	
4	1 $\frac{3}{4}$	13	0 $\frac{1}{4}$	13.50		5	1 $\frac{3}{4}$	16	2	20.80	
4	2	13	1 $\frac{1}{8}$	13.64		5	2	16	2 $\frac{3}{4}$	20.97	
4	2 $\frac{1}{4}$	13	1 $\frac{7}{8}$	13.77		5	2 $\frac{1}{4}$	16	3 $\frac{5}{8}$	21.14	
4	2 $\frac{1}{2}$	13	2 $\frac{1}{8}$	13.91		5	2 $\frac{1}{2}$	16	4 $\frac{3}{8}$	21.31	
4	2 $\frac{3}{4}$	13	3 $\frac{3}{8}$	14.05		5	2 $\frac{3}{4}$	16	5 $\frac{1}{8}$	21.48	
4	3	13	4 $\frac{1}{4}$	14.19		5	3	16	5 $\frac{7}{8}$	21.65	
4	3 $\frac{1}{4}$	13	5	14.33		5	3 $\frac{1}{4}$	16	6 $\frac{3}{4}$	21.82	
4	3 $\frac{1}{2}$	13	5 $\frac{3}{4}$	14.47		5	3 $\frac{1}{2}$	16	7 $\frac{1}{2}$	21.99	
4	3 $\frac{3}{4}$	13	6 $\frac{5}{8}$	14.61		5	3 $\frac{3}{4}$	16	8 $\frac{1}{4}$	22.17	
4	4	13	7 $\frac{3}{8}$	14.75		5	4	16	9	22.34	
4	4 $\frac{1}{4}$	13	8 $\frac{1}{8}$	14.89		5	4 $\frac{1}{4}$	16	9 $\frac{7}{8}$	22.52	
4	4 $\frac{1}{2}$	13	8 $\frac{7}{8}$	15.03		5	4 $\frac{1}{2}$	16	10 $\frac{5}{8}$	22.69	
4	4 $\frac{3}{4}$	13	9 $\frac{3}{4}$	15.18		5	4 $\frac{3}{4}$	16	11 $\frac{3}{8}$	22.87	
4	5	13	10 $\frac{1}{2}$	15.32		5	5	17	0 $\frac{1}{4}$	23.04	
4	5 $\frac{1}{4}$	13	11 $\frac{1}{4}$	15.47		5	5 $\frac{1}{4}$	17	1	23.22	
4	5 $\frac{1}{2}$	14	0 $\frac{1}{8}$	15.61		5	5 $\frac{1}{2}$	17	1 $\frac{3}{4}$	23.40	
4	5 $\frac{3}{4}$	14	0 $\frac{7}{8}$	15.76		5	5 $\frac{3}{4}$	17	2 $\frac{1}{2}$	23.58	
4	6	14	1 $\frac{5}{8}$	15.90		5	6	17	3 $\frac{3}{8}$	23.76	
4	6 $\frac{1}{4}$	14	2 $\frac{3}{8}$	16.05		5	6 $\frac{1}{4}$	17	4 $\frac{1}{8}$	23.94	
4	6 $\frac{1}{2}$	14	3 $\frac{1}{4}$	16.20		5	6 $\frac{1}{2}$	17	4 $\frac{7}{8}$	24.12	
4	6 $\frac{3}{4}$	14	4	16.35		5	6 $\frac{3}{4}$	17	5 $\frac{3}{4}$	24.30	
4	7	14	4 $\frac{3}{4}$	16.50		5	7	17	6 $\frac{1}{2}$	24.48	
4	7 $\frac{1}{4}$	14	5 $\frac{3}{8}$	16.65		5	7 $\frac{1}{4}$	17	7 $\frac{1}{4}$	24.67	
4	7 $\frac{1}{2}$	14	6 $\frac{3}{8}$	16.80		5	7 $\frac{1}{2}$	17	8	24.85	
4	7 $\frac{3}{4}$	14	7 $\frac{1}{8}$	16.95		5	7 $\frac{3}{4}$	17	8 $\frac{7}{8}$	25.03	
4	8	14	7 $\frac{7}{8}$	17.10		5	8	17	9 $\frac{5}{8}$	25.22	
4	8 $\frac{1}{4}$	14	8 $\frac{3}{4}$	17.26		5	8 $\frac{1}{4}$	17	10 $\frac{3}{8}$	25.41	
4	8 $\frac{1}{2}$	14	9 $\frac{1}{2}$	17.41		5	8 $\frac{1}{2}$	17	11 $\frac{1}{4}$	25.59	
4	8 $\frac{3}{4}$	14	10 $\frac{1}{4}$	17.57		5	8 $\frac{3}{4}$	18	0	25.78	
4	9	14	11 $\frac{1}{8}$	17.72		5	9	18	0 $\frac{1}{4}$	25.97	
4	9 $\frac{1}{4}$	14	11 $\frac{7}{8}$	17.88		5	9 $\frac{1}{4}$	18	1 $\frac{1}{2}$	26.16	
4	9 $\frac{1}{2}$	15	0 $\frac{1}{8}$	18.03		5	9 $\frac{1}{2}$	18	2 $\frac{3}{8}$	26.34	
4	9 $\frac{3}{4}$	15	1 $\frac{3}{8}$	18.19		5	9 $\frac{3}{4}$	18	3 $\frac{1}{8}$	26.53	
4	10	15	2 $\frac{1}{4}$	18.35		5	10	18	3 $\frac{3}{8}$	26.73	
4	10 $\frac{1}{4}$	15	3	18.51		5	10 $\frac{1}{4}$	18	4 $\frac{3}{4}$	26.92	
4	10 $\frac{1}{2}$	15	3 $\frac{3}{4}$	18.67		5	10 $\frac{1}{2}$	18	5 $\frac{1}{2}$	27.11	
4	10 $\frac{3}{4}$	15	4 $\frac{3}{8}$	18.83		5	10 $\frac{3}{4}$	18	6 $\frac{1}{4}$	27.30	
4	11	15	5 $\frac{3}{8}$	18.99		5	11	18	7	27.49	
4	11 $\frac{1}{4}$	15	6 $\frac{1}{8}$	19.15		5	11 $\frac{1}{4}$	18	7 $\frac{7}{8}$	27.69	
4	11 $\frac{1}{2}$	15	6 $\frac{7}{8}$	19.31		5	11 $\frac{1}{2}$	18	8 $\frac{5}{8}$	27.88	
4	11 $\frac{3}{4}$	15	7 $\frac{3}{4}$	19.47		5	11 $\frac{3}{4}$	18	9 $\frac{9}{8}$	28.08	

CIRCLES

Circumferences and Areas

Diam.		Circum.		Area		Diam.		Circum.		Area	
Ft.	In.	Ft.	In.	Sq. Ft.		Ft.	In.	Ft.	In.	Sq. Ft.	
6	0	18	10 1/4	28.27		7	0	21	11 7/8	38.48	
6	0 1/4	18	11	28.47		7	1	22	3	39.41	
6	0 1/2	18	11 3/4	28.67		7	2	22	6 1/8	40.34	
6	0 3/4	19	0 1/2	28.87		7	3	22	9 3/8	41.28	
6	1	19	1 1/8	29.07		7	4	23	0 1/2	42.24	
6	1 1/4	19	2 1/8	29.26		7	5	23	3 3/8	43.20	
6	1 1/2	19	2 7/8	29.46		7	6	23	6 3/4	44.18	
6	1 3/4	19	3 3/4	29.67		7	7	23	9 7/8	45.17	
6	2	19	4 1/2	29.87		7	8	24	1	46.16	
6	2 1/4	19	5 1/4	30.07		7	9	24	4 1/8	47.17	
6	2 1/2	19	6	30.27		7	10	24	7 1/4	48.19	
6	2 3/4	19	6 7/8	30.48		7	11	24	10 1/2	49.22	
6	3	19	7 5/8	30.68		8	0	25	1 1/8	50.27	
6	3 1/4	19	8 3/8	30.88		8	1	25	4 3/4	51.32	
6	3 1/2	19	9 9/4	31.09		8	2	25	7 7/8	52.38	
6	3 3/4	19	10	31.30		8	3	25	11	53.46	
6	4	19	10 3/4	31.50		8	4	26	2 1/8	54.54	
6	4 1/4	19	11 1/2	31.71		8	5	26	5 1/4	55.64	
6	4 1/2	20	0 3/8	31.92		8	6	26	8 1/2	56.74	
6	4 3/4	20	1 1/8	32.13		8	7	26	11 5/8	57.86	
6	5	20	1 7/8	32.34		8	8	27	2 3/4	58.99	
6	5 1/4	20	2 3/4	32.55		8	9	27	5 7/8	60.13	
6	5 1/2	20	3 1/2	32.76		8	10	27	9	61.28	
6	5 3/4	20	4 1/4	32.97		8	11	28	0 1/8	62.44	
6	6	20	5	33.18		9	0	28	3 1/4	63.62	
6	6 1/4	20	5 7/8	33.40		9	1	28	6 3/8	64.80	
6	6 1/2	20	6 1/8	33.61		9	2	28	9 5/8	66.00	
6	6 3/4	20	7 3/8	33.82		9	3	29	0 7/8	67.20	
6	7	20	8 1/8	34.04		9	4	29	3 7/8	68.42	
6	7 1/4	20	9	34.26		9	5	29	7	69.64	
6	7 1/2	20	9 3/4	34.47		9	6	29	10 1/8	70.88	
6	7 3/4	20	10 1/2	34.69		9	7	30	1 1/4	72.13	
6	8	20	11 3/8	34.91		9	8	30	4 3/8	73.39	
6	8 1/4	21	0 1/8	35.13		9	9	30	7 5/8	74.66	
6	8 1/2	21	0 7/8	35.34		9	10	30	10 3/4	75.94	
6	8 3/4	21	1 5/8	35.56		9	11	31	1 7/8	77.24	
6	9	21	2 1/2	35.78		10	0	31	5	78.54	
6	9 1/4	21	3 1/4	36.01		10	1	31	8 1/8	79.85	
6	9 1/2	21	4	36.23		10	2	31	11 1/4	81.18	
6	9 3/4	21	4 7/8	36.45		10	3	32	2 3/8	82.52	
6	10	21	5 5/8	36.67		10	4	32	5 1/2	83.86	
6	10 1/4	21	6 3/8	36.90		10	5	32	8 3/4	85.22	
6	10 1/2	21	7 1/8	37.12		10	6	32	11 7/8	86.59	
6	10 3/4	21	8	37.35		10	7	33	3	87.97	
6	11	21	8 3/4	37.57		10	8	33	6 1/8	89.36	
6	11 1/4	21	9 1/2	37.80		10	9	33	9 1/4	90.76	
6	11 1/2	21	10 3/8	38.03		10	10	34	0 3/8	92.18	
6	11 3/4	21	11 1/8	38.26		10	11	34	3 1/2	93.60	

CIRCLES AND SQUARES

Circumferences and Areas

Size Inches	Circum- ference of O in Inches	Area of O in Square Inches	Area of □ in Square Inches	Size Inches	Circum- ference of O in Inches	Area of O in Square Inches	Area of □ in Square Inches
8	25.13	50.27	64.00	10	31.42	78.54	100.0
$8\frac{1}{16}$	25.33	51.05	65.00	$10\frac{1}{16}$	31.61	79.52	101.3
$8\frac{1}{8}$	25.53	51.85	66.02	$10\frac{1}{8}$	31.81	80.52	102.5
$8\frac{3}{16}$	25.72	52.65	67.04	$10\frac{3}{16}$	32.00	81.51	103.8
$8\frac{1}{4}$	25.92	53.46	68.06	$10\frac{1}{4}$	32.20	82.52	105.1
$8\frac{5}{16}$	26.11	54.27	69.10	$10\frac{5}{16}$	32.40	83.52	106.3
$8\frac{3}{8}$	26.31	55.09	70.14	$10\frac{3}{8}$	32.59	84.54	107.6
$8\frac{7}{16}$	26.51	55.91	71.19	$10\frac{7}{16}$	32.79	85.56	108.9
$8\frac{1}{2}$	26.70	56.75	72.25	$10\frac{1}{2}$	32.99	86.59	110.3
$8\frac{9}{16}$	26.90	57.58	73.32	$10\frac{9}{16}$	33.18	87.62	111.6
$8\frac{5}{8}$	27.10	58.43	74.39	$10\frac{5}{8}$	33.38	88.66	112.9
$8\frac{11}{16}$	27.29	59.28	75.47	$10\frac{11}{16}$	33.58	89.71	114.2
$8\frac{3}{4}$	27.49	60.13	76.56	$10\frac{3}{4}$	33.77	90.76	115.6
$8\frac{13}{16}$	27.69	60.99	77.66	$10\frac{13}{16}$	33.97	91.82	116.9
$8\frac{7}{8}$	27.88	61.86	78.77	$10\frac{7}{8}$	34.16	92.89	118.3
$8\frac{15}{16}$	28.08	62.74	79.88	$10\frac{15}{16}$	34.36	93.96	119.6
9	28.27	63.62	81.00	11	34.56	95.03	121.0
$9\frac{1}{16}$	28.47	64.50	82.13	$11\frac{1}{16}$	34.75	96.12	122.4
$9\frac{1}{8}$	28.67	65.40	83.27	$11\frac{1}{8}$	34.95	97.20	123.8
$9\frac{3}{16}$	28.86	66.30	84.41	$11\frac{3}{16}$	35.15	98.30	125.2
$9\frac{1}{4}$	29.06	67.20	85.56	$11\frac{1}{4}$	35.34	99.40	126.6
$9\frac{5}{16}$	29.26	68.11	86.72	$11\frac{5}{16}$	35.54	100.5	128.0
$9\frac{3}{8}$	29.45	69.03	87.89	$11\frac{3}{8}$	35.74	101.6	129.4
$9\frac{7}{16}$	29.65	69.95	89.07	$11\frac{7}{16}$	35.93	102.7	130.8
$9\frac{1}{2}$	29.85	70.88	90.25	$11\frac{1}{2}$	36.13	103.9	132.3
$9\frac{9}{16}$	30.04	71.82	91.44	$11\frac{9}{16}$	36.32	105.0	133.7
$9\frac{5}{8}$	30.24	72.76	92.64	$11\frac{5}{8}$	36.52	106.1	135.1
$9\frac{11}{16}$	30.43	73.71	93.85	$11\frac{11}{16}$	36.72	107.3	136.6
$9\frac{3}{4}$	30.63	74.66	95.06	$11\frac{3}{4}$	36.91	108.4	138.1
$9\frac{13}{16}$	30.83	75.62	96.29	$11\frac{13}{16}$	37.11	109.6	139.5
$9\frac{7}{8}$	31.02	76.59	97.52	$11\frac{7}{8}$	37.31	110.8	141.0
$9\frac{15}{16}$	31.22	77.56	98.75	$11\frac{15}{16}$	37.50	111.9	142.5

CIRCULAR TANKS

Capacity in U. S. Gallons
Per Foot of Depth

Diam. Ft. In.	Gallons	Diam. Ft. In.	Gallons	Diam. Ft. In.	Gallons
1	5.875	3 6	71.97	5 11	205.7
1 1	6.895	3 7	75.44	6	211.5
1 2	7.997	3 8	78.99	6 3	229.5
1 3	9.180	3 9	82.62	6 6	248.2
1 4	10.44	3 10	86.33	6 9	267.7
1 5	11.79	3 11	90.13	7	287.9
1 6	13.22	4	94.00	7 3	308.8
1 7	14.73	4 1	97.96	7 6	330.5
1 8	16.32	4 2	102.0	7 9	352.9
1 9	17.99	4 3	106.1	8	376.0
1 10	19.75	4 4	110.3	8 3	399.9
1 11	21.58	4 5	114.6	8 6	424.5
2	23.50	4 6	119.0	8 9	449.8
2 1	25.50	4 7	123.4	9	475.9
2 2	27.58	4 8	127.9	9 3	502.7
2 3	29.74	4 9	132.6	9 6	530.2
2 4	31.99	4 10	137.3	9 9	558.5
2 5	34.31	4 11	142.0	10	587.5
2 6	36.72	5	146.9	10 3	617.3
2 7	39.21	5 1	151.8	10 6	647.7
2 8	41.78	5 2	156.8	10 9	679.0
2 9	44.43	5 3	161.9	11	710.9
2 10	47.16	5 4	167.1	11 3	743.6
2 11	49.98	5 5	172.4	11 6	777.0
3	52.88	5 6	177.7	11 9	811.1
3 1	55.86	5 7	183.2	12	846.0
3 2	58.92	5 8	188.7	12 3	881.6
3 3	62.06	5 9	194.2	12 6	918.0
3 4	65.28	5 10	199.9	12 9	955.1
3 5	68.58				

1 U. S. Gallon of water weighs 8.34523 Pounds Avoirdupois at 4° C.

RECTANGULAR TANKS

Capacity in U. S. Gallons
Per Foot of Depth

Widths Feet	Length of Tank—in Feet						
	2	2½	3	3½	4	4½	5
2	29.92	37.40	44.88	52.36	59.84	67.32	74.81
2½	—	46.75	56.10	65.45	74.81	84.16	93.51
3	—	—	67.32	78.55	89.77	101.0	112.2
3½	—	—	—	91.64	104.7	117.8	130.9
4	—	—	—	—	119.7	134.6	149.6
4½	—	—	—	—	—	151.5	168.3
5	—	—	—	—	—	—	187.0
	5½	6	6½	7	7½	8	8½
2	82.29	89.77	97.25	104.7	112.2	119.7	127.2
2½	102.9	112.2	121.6	130.9	140.3	149.6	159.0
3	123.4	134.6	145.9	157.1	168.3	179.5	190.8
3½	144.0	157.1	170.2	183.3	196.4	209.5	222.5
4	164.6	179.5	194.5	209.5	224.4	239.4	254.3
4½	185.1	202.0	218.8	235.6	252.5	269.3	286.1
5	205.7	224.4	243.1	261.8	280.5	299.2	317.9
5½	226.3	246.9	267.4	288.0	308.6	329.1	349.7
6	—	269.3	291.7	314.2	336.6	359.1	381.5
6½	—	—	316.1	340.4	364.7	389.0	413.3
7	—	—	—	366.5	392.7	418.9	445.1
7½	—	—	—	—	420.8	448.8	476.9
8	—	—	—	—	—	478.8	508.7
8½	—	—	—	—	—	—	540.5
	9	9½	10	10½	11	11½	12
2	134.6	142.1	149.6	157.1	164.6	172.1	179.5
2½	168.3	177.7	187.0	196.4	205.7	215.1	224.4
3	202.0	213.2	224.4	235.6	246.9	258.1	269.3
3½	235.6	248.7	261.8	274.9	288.0	301.1	314.2
4	269.3	284.3	299.2	314.2	329.1	344.1	359.1
4½	303.0	319.8	336.6	353.5	370.3	387.1	403.9
5	336.6	355.3	374.0	392.7	411.4	430.1	448.8
5½	370.3	390.9	411.4	432.0	452.6	473.1	493.7
6	403.9	426.4	448.8	471.3	493.7	516.2	538.6
6½	437.6	461.9	486.2	510.5	534.9	559.2	583.5
7	471.3	497.5	523.6	549.8	576.0	602.2	628.4
7½	504.9	533.0	561.0	589.1	617.1	645.2	673.2
8	538.6	568.5	598.4	628.4	658.3	688.2	718.1
8½	572.3	604.1	635.8	667.6	699.4	731.2	763.0
9	605.9	639.6	673.2	706.9	740.6	774.2	807.9
9½	—	675.1	710.6	746.2	781.7	817.2	852.8
10	—	—	748.1	785.5	822.9	860.3	897.7
10½	—	—	—	824.7	864.0	903.3	942.5
11	—	—	—	—	905.1	946.3	987.4
11½	—	—	—	—	—	989.3	1032.
12	—	—	—	—	—	—	1077.

1 U. S. Gallon of water weighs 8.34523 Pounds Avoirdupois at 4° C.

MELTING POINTS

Elements	Symbols	Degrees Centigrade	Degrees Fahrenheit
Aluminum	Al	660.16	1220.29
Antimony	Sb	630.5	1166.9
Arsenic	As	814*	1497*
Barium	Ba	850	1562
Beryllium	Be	1350	2462
Bismuth	Bi	271.3	520.3
Cadmium	Cd	320.9	609.6
Calcium	Ca	810	1490
Carbon	C	3500	6332
Chromium	Cr	1765	3209
Cobalt	Co	1480	2696
Copper	Cu	1083.0	1981.4
Gold	Au	1063.0	1945.4
Iron	Fe	1535	2795
Lead	Pb	327.4	621.3
Lithium	Li	186	367
Magnesium	Mg	651	1204
Manganese	Mn	1260	2300
Mercury	Hg	-38.87	-37.97
Molybdenum	Mo	2620	4748
Nickel	Ni	1455	2651
Phosphorus (yellow)	P	44.1	111.4
Platinum	Pt	1773	3223
Silicon	Si	1420	2588
Silver	Ag	960.5	1760.9
Tin	Sn	231.9	449.4
Tungsten	W	3400	6152
Vanadium	V	1710	3110
Zinc	Zn	419.5	787.1

* At 36 atmospheres.

Note: The melting points of Brass and Copper Alloys may be found on pages 419—422.

Variations from these values must be expected in practice.

EXPANSION OF METALS BY HEAT

The coefficient of linear expansion of a body is the rate at which the unit of length changes, under constant pressure, with an increase of unit or one degree of temperature; the coefficient of expansion for areas is, approximately, two times, and the coefficient of cubical expansion three times the coefficient of linear expansion. A bar, if not fixed, undergoes a change in length = ltn , where l is the length of the bar, t the number of degrees, n the corresponding linear coefficient.

To find the increase of a bar due to an increase in temperature, multiply the length of the bar by the increase in degrees and by the coefficient from the table.

COEFFICIENTS OF LINEAR EXPANSION BETWEEN ROOM TEMPERATURE AND 100° C (212° F)

Metal	per °C	per °F
Aluminum.....	0.0000238	0.0000132
Brass (85% Cu)—Cold Drawn ..	.0000177	.0000098
Brass (75% Cu)—Cold Drawn ..	.0000184	.0000102
Brass (65% Cu)—Cold Drawn ..	.0000190	.0000105
Bronze (4.2% Sn)—Cold Drawn.	.0000173	.0000096
Copper.....	.0000168	.0000094
Everdur-1010.....	.0000170	.0000094
Gold.....	.0000143	.0000079
Iron, cast gray (3.1% C, 1.7% Si).	.0000084	.0000047
Iron, electrolytic.....	.0000120	.0000067
Lead.....	.0000291	.0000162
Magnesium.....	.0000260	.0000144
Nickel.....	.0000133	.0000074
Platinum.....	.0000090	.0000050
Silver.....	.0000191	.0000106
Steels.....	{ .0000111 to .0000124	{ .0000062 to .0000069
Tin ¹.....	.0000270	.0000150
Zinc ¹ , cast .....	.0000395	.0000219

¹ Anisotropic; coefficient of expansion varies with different samples.

Variations from these values must be expected in practice.

HEAT CONDUCTIVITY OF METALS
AND ALLOYS AT 18°C

The heat conductivity k of a material is the quantity of heat in small calories which is transmitted per second through a plate one centimeter thick per square centimeter of its surface when the difference of temperature between the two faces of the plate is one degree Centigrade. The column k_{18} in the table below gives the conductivity at 18° C. and the units are calories per square centimeter per centimeter per second per degree Centigrade. The value of k is found to vary with the temperature of the plate and the column a is the temperature coefficient of thermal conductivity per degree Centigrade at 18° C. The temperature coefficient a is fairly accurate for the approximate range from -50° C. to 200° C. and the conductivity at any temperature t in this range is given by the equation:

$$k_t = k_{18} [1 + a(t - 18)]$$

The values for conductivity can be converted to the ordinary engineering units by the following factors:

Units	Factors by which Cal./sq.Cm./Cm./Sec./°C. Should be Multiplied to Convert to the Desired Units
Watts/sq. cm./cm./°C.	4.186
BTU/sq. ft./in./sec./°F.	0.8064
BTU/sq. ft./in./hour/°F.	2903.
BTU/sq. ft./ft./hour/°F.	241.9

Metal	k_{18}	a
Aluminum	0.514	+0.0002
Brass, Yellow	0.285	+0.0010
Red Brass—85%.....	0.380	+0.0013
Copper	0.923	-0.000041
Iron (Pure)	0.170	-0.0008
Lead	0.083	-0.00057
Nickel (Pure)	0.217	-0.0010
Nickel (Commercial Malleable)	0.167	-0.0007
Tin	0.154	-0.00069
Zinc	0.275	-0.0003

Variations from these values must be expected in practice.

RESISTIVITY OF METALS AND ALLOYS AT 20° C

The resistivities are the values of p in the equation $R=pl/s$, where R is the resistance in microhms of a length l cm. of uniform cross section s cm^2 . The temperature coefficient is a_{20} in the formula $R_t=R_{20} [1+a_{20}(t-20)]$.

Metal	Resistivity in Microhm Centimeters	Temperature Coefficient at 20°C.	Electrical Conductivity Compared with Annealed Copper as 100.0
Aluminum	2.828	.0039	61.0
Beryllium Copper Soft or Hard Drawn	10.0 ±	.....	17 ±
Beryllium Copper Heat treated	6.8-9.8	.....	18-25
Brass (65% Cu)	6.4	.....	26.8
Copper (Annealed)	1.7241	.00393	100.0
Copper (Hard Drawn)	1.77	.00382	97.4
Everdur-1010	25.8	.00034	6.7
Iron (99.98%)	9.78	.....	17.6
Lead	20.8	.0039	8.3
Nickel	7.3	.006	23.6
Nickel Silver (18% Ni)	31.4	.00033	5.5
Tin	11.5	.0042	15.0
Zinc	5.9	.0037	29.2

Variations from these values must be expected in practice.

TEMPERATURE TABLES

The column in bold face refers to the given temperature either in degrees Centigrade or Fahrenheit. The equivalent will be the corresponding figure in the column to which the conversion is being made.

C.	F.	C.	F.	C.	F.	C.	F.
149	300	572	432	810	1490	716	1320
154	310	590	438	820	1508	721	1330
160	320	608	443	830	1526	727	1340
166	330	626	449	840	1544	732	1350
171	340	644	454	850	1562	738	1360
177	350	662	460	860	1580	743	1370
182	360	680	466	870	1598	749	1380
188	370	698	471	880	1616	754	1390
193	380	716	477	890	1634	760	1400
199	390	734	482	900	1652	766	1410
204	400	752	488	910	1670	771	1420
210	410	770	493	920	1688	777	1430
216	420	788	499	930	1706	782	1440
221	430	806	504	940	1724	788	1450
227	440	824	510	950	1742	793	1460
232	450	842	516	960	1760	799	1470
238	460	860	521	970	1778	804	1480
243	470	878	527	980	1796	810	1490
249	480	896	532	990	1814	816	1500
254	490	914	538	1000	1832	821	1510
260	500	932	543	1010	1850	827	1520
266	510	950	549	1020	1868	832	1530
271	520	968	554	1030	1886	838	1540
277	530	986	560	1040	1904	843	1550
282	540	1004	566	1050	1922	849	1560
288	550	1022	571	1060	1940	854	1570
293	560	1040	577	1070	1958	860	1580
299	570	1058	582	1080	1976	866	1590
304	580	1076	588	1090	1994	871	1600
310	590	1094	593	1100	2012	877	1610
316	600	1112	599	1110	2030	882	1620
321	610	1130	604	1120	2048	888	1630
327	620	1148	610	1130	2066	893	1640
332	630	1166	616	1140	2084	899	1650
338	640	1184	621	1150	2102	904	1660
343	650	1202	627	1160	2120	910	1670
349	660	1220	632	1170	2138	916	1680
354	670	1238	638	1180	2156	921	1690
360	680	1256	643	1190	2174	927	1700
366	690	1274	649	1200	2192	932	1710
371	700	1292	654	1210	2210	938	1720
377	710	1310	660	1220	2228	943	1730
382	720	1328	666	1230	2246	949	1740
388	730	1346	671	1240	2264	954	1750
393	740	1364	677	1250	2282	960	1760
399	750	1382	682	1260	2300	966	1770
404	760	1400	688	1270	2318	971	1780
410	770	1418	693	1280	2336	977	1790
416	780	1436	699	1290	2354	982	1800
421	790	1454	704	1300	2372	988	1810
427	800	1472	710	1310	2390	993	1820

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Conversion Formulas

Temperature °F. = $(9/5 \times ^\circ\text{C.}) + 32^\circ$. Temperature °C. = $5/9 (^{\circ}\text{F.} - 32^\circ)$

CONVERSION TABLES

Weights and Measures

All tabular values containing less than 6 places of figures are constants. Thus, 1 meter = exactly 39.37 U. S. Inches.

Metric System

The "meter" is the metric unit of length; the "gram," of weight or mass; and the "liter," of capacity. All other metric units are the decimal subdivisions or multiples of these units, and are formed by adding the following prefixes to the words meter, gram, and liter. The meanings are as indicated.

milli-	= .001 of unit	deka-	= 10. times unit
centi-	= .01 of unit	hecto-	= 100. times unit
deci-	= .1 of unit	kilo-	= 1000. times unit

Thus, centimeter = .01 meter; kilogram = 1000. grams; etc.

For all practical purposes 1 cubic decimeter equals 1 liter and 1 liter of water weighs 1 kilogram; but the tables herewith are based on the more accurate relationship that 1 liter = 1000.027 cubic centimeters.

United States-Metric

Basic Standards

1 meter = 39.37 inches.

1 liter = volume of 1 kilogram of pure water at its maximum density (at a temperature of 4°C, practically) and under the standard atmospheric pressure (of 760 millimeters of mercury).

= 1.000027 cubic decimeters (= 1000.027 cubic centimeters).

1 avoirdupois pound = 453.5924277 grams.

1 gallon = 231. cubic inches.

Equivalents

$$\pi = 3.14159265 \quad 3\pi = 9.42478 \quad \frac{1}{\pi} = 0.318310 \quad \sqrt{2} = 1.41421$$
$$\frac{\pi}{4} = 0.785398 \quad 12\pi = 37.6991 \quad \frac{4}{\pi} = 1.27324 \quad \sqrt{3} = 1.73205$$

Note—The small subnumeral on the opposite page following a zero indicates that the zero is to be taken that number of times; thus: .0₅188 is equivalent to .00000188 and 188160₃ is equivalent to 18816000.

CONVERSION TABLES

Length—United States-Metric

To Convert From	To Mils	To Inches	To Feet	To Millimeters	To Centimeters
Multiply the Quantity to be Converted By					
Mil.....	1	0.001	0.04833333	0.02540005	0.002540005
Inch.....	1000.	1	0.08333333	25.40005	2.540005
Foot.....	12000.	12.	1	304.8006	30.48006
Mil'meter	39.37	0.03937	0.003280833	1	0.1
Cm.....	393.7	0.3937	0.03280833	10.	1

To Convert From	To Feet	To Yards	To Miles	To Meters	To Kilometers
Multiply the Quantity to be Converted By					
Foot.....	1	0.333333	0.00031893939	0.3048006	0.0003048006
Yard....	3.	1	0.0003568182	0.9144018	0.00039144018
Mile.....	5280.	1760.	1	1609.3472	1.6093472
Meter....	3.280833	1.0936111	0.00036213699	1	0.001
Kilometer	3280.833	1093.6111	0.6213699	1000.	1

Area—United States-Metric

To Convert From	To Circular Mils	To Circular Inches	To Square Inches	To Square Milimeters	To Square Centimeters
Multiply the Quantity to be Converted By					
Cir. Mil.	1	0.051	0.006785398	0.000506710	0.000506710
Cir. Inch.	1000000.	1	0.785398	506.710	5.06710
Sq. Inch.	1273240.	1.27324	1	645.163	6.45163
Sq. Mm..	1973.52	0.00197352	0.000155000	1	0.01
Sq. Cm...	197352.	0.197352	0.155000	100.	1

To Convert From	To Square Inches	To Square Feet	To Square Yards	To Square Centimeters	To Square Meters
Multiply the Quantity to be Converted By					
Sq. Inch.	1	0.000694444	0.000771605	6.451626	0.006451626
Sq. Foot.	144.	1	0.1111111	929.0341	0.09290341
Sq. Yard.	1296.	9.	1	8361.307	0.8361307
Sq. Cm...	0.1549997	0.001076387	0.0001195985	1	0.0001
Sq. Meter	1549.9969	10.76387	1.195985	10000.	1

CONVERSION TABLES

Capacity, Liquid—United States-Metric

To Convert From	To Fluid Ounces	To Gallons	To Cubic Inches	To Liters	To Cubic Centim'rs
Multiply the Quantity to be Converted by					
Fluid Ounce.	1	0.0078125	1.80469	0.0295729	29.5737
Gallon.....	128.	1	231.	3.785332	3785.43
Cubic Inch .	0.554113	0.00432900	1	0.0163867	16.3872
Liter.....	33.8147	0.264178	61.0250	1	1000.027
Cu. Cm.....	0.0338138	0.03264170	0.0610234	0.03999973	1

Volume—United States-Metric

To Convert From	To Cubic Inches	To Cubic Feet	To Cubic Yards	To Cubic Cms.	To Cubic Meters
Multiply the Quantity to be Converted by					
Cubic Inch.	1	0.03578704	0.042143347	16.387162	0.041638716
Cubic Foot.	1728.	1	0.0370370	28317.016	0.028317016
Cubic Yard	46656.	27.	1	764559.4	0.7645594
Cubic Cm.	0.06102338	0.043531445	0.05130794	1	0.051
Cubic Meter	61023.38	35.31445	1.3079428	1000000.	1

Note—The small subnumeral following a zero indicates that the zero is to be taken that number of times; thus, .0₅188 is equivalent to .00000188 and 188160₃ is equivalent to 18816000.

CONVERSION TABLES

Mass or Weight—United States-Metric

To Convert From	To Grains	To Avoirdupois Ounces	To Avoirdupois Pounds	To Grams	To Kilograms
Multiply the Quantity to be Converted by					
Grain....	1	0.00228571	0.031428571	0.064798918	0.0647989
Avoirdupois Ounce...	437.5	1	0.0625	28.349527	0.02834953
Avoirdupois Pound...	7000.	16.	1	453.5924277	0.4535924277
Gram....	15.432356	0.03527396	0.00220462	1	0.001
Kilogram...	15432.356	35.27396	2.204622341	1000.	1

To Convert From	To Avoirdupois Pounds	To Short Tons	To Long Tons	To Kilograms	To Metric Tons
Multiply the Quantity to be Converted by					
Avoirdupois Lb.	1	0.035	0.034464286	0.4535924277	0.0345359243
Short Ton	2000.	1	0.8928571	907.18486	0.90718486
Long Ton	2240.	1.12	1	1016.04704	1.01604704
Kilogram	2.20462234	0.0011023112	0.039842064	1	0.001
Met. Ton	2204.62234	1.1023112	0.98420640	1000.	1

Miscellaneous Equivalents—United States—Metric

1 liquid quart = 0.859367 dry quart.

1 dry quart = 1.16365 liquid quarts.

1 ounce, apothecaries' or troy =

480. grains = 1.09714 avoirdupois ounces.

1 pound, apothecaries' or troy =

12. ounces, troy = 0.822857 avoirdupois pound.

1 pound per square inch =

0.000703067 kilogram per square millimeter.

1 kilogram per square millimeter =

1422.34 pounds per square inch.

1 pound per cubic inch = 27.6797 grams per cubic centimeter.

1 gram per cubic centimeter = 0.0361275 pound per cubic inch.

CONVERSION TABLES

United States-British Basic Standards

The United States-British conversion factors given below are derived from the United States-Metric and the British-Metric factors. The basic factors used are:

1 meter = 39.370113 British inches.

1 British gallon = 4.5459631 liters.

1 British pound = 0.45359243 kilogram.

(Note: The U. S. pound to 8 places is also equal to 0.45359243 kilogram)

Conversion Factors—United States-British

Unit	Relationship	
	United States	British
Length.....	1 Inch	= 1.0000029 Inches
	0.99999713 Inch	= 1 Inch
Area.....	1 Square Inch	= 1.0000057 Square Inches
	0.99999426 Square Inch	= 1 Square Inch
Volume.....	1 Cubic Inch	= 1.0000086 Cubic Inches
	0.99999140 Cubic Inch	= 1 Cubic Inch
Capacity—Liquid	1 Gallon	= 0.8326799 Gallon
	1.2009416 Gallons	= 1 Gallon
Mass.....	1.0000000 Pound	= 1.0000000 Pound

Miscellaneous Equivalents—United States—British

- 1 U.S. mile =
 - 1760. U.S. yards = 5280. U.S. feet = 63360. U.S. inches.
- 1 Brit. mile =
 - 1760. Brit. yards = 5280. Brit. feet = 63360. Brit. inches.
- 1 U.S. gallon =
 - 4. U.S. quarts = 8. U.S. pints = 32. U.S. gills = 128. U.S. fluid ounces.
- 1 Brit. gallon =
 - 4. Brit. quarts = 8. Brit. pints = 32. Brit. gills = 160. Brit. fluid ounces.
- 1 U.S. short ton =
 - 20. U.S. short hundredweight = 2000. U.S. pounds.
- 1 U.S. long ton =
 - 20. U.S. long hundredweight = 2240. U.S. pounds.
- 1 Brit. ton =
 - 20. Brit. hundredweight = 2240. Brit. pounds.

Fractions of an Inch and Decimal Equivalents

				1	.015625
				64	.03125
				32	.046875
				64	.0625
				5	.078125
				3	.09375
				32	.109375
				64	.125
				9	.140625
				64	.15625
				11	.171875
				64	.1875
				13	.203125
				64	.21875
				15	.234375
				64	.250
				17	.265625
				64	.28125
				19	.296875
				64	.3125
				21	.328125
				64	.34375
				23	.359375
				64	.375
				25	.390625
				64	.40625
				27	.421875
				64	.4375
				29	.453125
				64	.46875
				31	.484375
				64	.500
				33	.515625
				64	.53125
				35	.546875
				64	.5625
				37	.578125
				64	.59375
				39	.609375
				64	.625
				41	.640625
				64	.65625
				43	.671875
				64	.6875
				45	.703125
				64	.71875
				47	.734375
				64	.750
				49	.765625
				64	.78125
				51	.796875
				64	.8125
				53	.828125
				64	.84375
				55	.859375
				64	.875
				57	.890625
				64	.90625
				59	.921875
				64	.9375
				61	.953125
				64	.96875
				63	.984375
				64	1.0000

Comparison of Wire Gauges

Gauge No.	American or Brown & Sharpe's	Birmingham or Stubs	Wash. & Moen	Imperial S. W. G.	London or Old English	United States Standard	Gauge No.
0000000			.490	.500		.500	0000000
000000	.5800		.460	.464		.46875	000000
00000	.5165		.430	.432		.4375	00000
0000	.4600	.454	.3938	.400	.454	.40625	0000
000	.4096	.425	.3625	.372	.425	.375	000
00	.3648	.380	.3310	.348	.38	.34375	00
0	.3249	.340	.3065	.324	.34	.3125	0
1	.2893	.300	.2830	.300	.3	.28125	1
2	.2576	.284	.2625	.276	.284	.265625	2
3	.2294	.259	.2437	.252	.259	.25	3
4	.2043	.238	.2253	.232	.238	.234375	4
5	.1819	.220	.2070	.212	.22	.21875	5
6	.1620	.203	.1920	.192	.203	.203125	6
7	.1443	.180	.1770	.176	.18	.1875	7
8	.1285	.165	.1620	.160	.165	.171875	8
9	.1144	.148	.1483	.144	.148	.15625	9
10	.1019	.134	.1350	.128	.134	.140625	10
11	.09074	.120	.1205	.116	.12	.125	11
12	.08081	.109	.1055	.104	.109	.109375	12
13	.07196	.095	.0915	.092	.095	.09375	13
14	.06408	.083	.0800	.080	.083	.078125	14
15	.05707	.072	.0720	.072	.072	.0703125	15
16	.05082	.065	.0625	.064	.065	.0625	16
17	.04526	.058	.0540	.056	.058	.05625	17
18	.04030	.049	.0475	.048	.049	.05	18
19	.03589	.042	.0410	.040	.040	.04375	19
20	.03196	.035	.0348	.036	.035	.0375	20
21	.02846	.032	.03175	.032	.0315	.034375	21
22	.02553	.028	.0286	.028	.0295	.03125	22
23	.02257	.025	.0258	.024	.027	.028125	23
24	.02010	.022	.0230	.022	.025	.025	24
25	.01790	.020	.0204	.020	.023	.021875	25
26	.01594	.018	.0181	.018	.0205	.01875	26
27	.01420	.016	.0173	.0164	.0187	.0171875	27
28	.01264	.014	.0162	.0148	.0165	.015625	28
29	.01126	.013	.0150	.0136	.0155	.0140625	29
30	.01003	.012	.0140	.0124	.01372	.0125	30
31	.008928	.010	.0132	.0116	.0122	.0109375	31
32	.007950	.009	.0128	.0108	.0112	.01015625	32
33	.007080	.008	.0118	.0100	.0102	.009375	33
34	.006305	.007	.0104	.0092	.0095	.00859375	34
35	.005615	.005	.0095	.0084	.009	.0078125	35
36	.005000	.004	.0090	.0076	.0075	.00703125	36
37	.004453		.0085	.0068	.0065	.006640625	37
38	.003965		.008	.0060	.0057	.00625	38
39	.003531		.0075	.0052	.005		39
40	.003145		.007	.0048	.0045		40
41	.002800			.0044			41
42	.002494			.004			42
43	.002221			.0036			43
44	.001978			.0032			44
45	.001761			.0028			45
46	.001568			.0024			46
47	.001397			.002			47
48	.001244			.0016			48
49	.001018			.0012			49
50	.0009863			.001			50

Gauge Numbers and Millimeter Equivalents

Gauge No.	American or Brown & Sharpe's		Birmingham or Stubs	
	Inches	Millimeters	Inches	Millimeters
000000	.5800	14.732		
00000	.5165	13.119		
0000	.4600	11.684	.454	11.532
000	.4096	10.404	.425	10.795
00	.3648	9.266	.380	9.652
0	.3249	8.252	.340	8.636
1	.2893	7.348	.300	7.620
2	.2576	6.543	.284	7.214
3	.2294	5.827	.259	6.579
4	.2043	5.189	.238	6.045
5	.1819	4.620	.220	5.588
6	.1620	4.115	.203	5.156
7	.1443	3.665	.180	4.572
8	.1285	3.264	.165	4.191
9	.1144	2.906	.148	3.759
10	.1019	2.588	.134	3.404
11	.09074	2.305	.120	3.048
12	.08081	2.053	.109	2.769
13	.07196	1.828	.095	2.413
14	.06408	1.628	.083	2.108
15	.05707	1.450	.072	1.829
16	.05082	1.291	.065	1.651
17	.04526	1.150	.058	1.473
18	.04030	1.024	.049	1.245
19	.03589	.912	.042	1.067
20	.03196	.812	.035	.889
21	.02846	.723	.032	.813
22	.02535	.644	.028	.711
23	.02257	.573	.025	.635
24	.02010	.511	.022	.559
25	.01790	.455	.020	.508
26	.01594	.405	.018	.457
27	.01420	.361	.016	.406
28	.01264	.321	.014	.356
29	.01126	.286	.013	.330
30	.01003	.255	.012	.305
31	.008928	.227	.010	.254
32	.007950	.202	.009	.229
33	.007080	.180	.008	.203
34	.006305	.160	.007	.178
35	.005615	.143	.0055	.127
36	.005000	.127	.004	.102
37	.004453	.113		
38	.003965	.101		
39	.003531	.090		
40	.003145	.080		
41	.002800	.071		
42	.002494	.063		
43	.002221	.056		
44	.001978	.050		

T. E. CONKLIN BRASS & COPPER CO.

These figures should not be used for specification.

MATERIAL	Alloy No.	Form	Approximate Composition Per Cent.		
			Copper	Zinc	Lead
Copper.....		Sheet	99.90+		
		Wire	99.90+		
		Rod	99.90+		
Deoxidized Copper.....		Tube	99.90ph		
		Sheet	99.90ph		
		Rod	99.90ph		
		Wire	99.90ph		
Commercial Bronze-95%....	‡	Sheet	95.00	5.00	
Commercial Bronze-90%....	‡	Sheet	90.00	10.00	
Red Brass-85%.....	‡	Sheet	85.00	15.00	
		Tube	85.00	15.00	
Red Brass-80%.....	‡	Sheet	80.00	20.00	
		Wire	80.00	20.00	
Brazing Brass.....	‡	Sheet	75.00	25.00	
Spring Brass.....	‡	Sheet	72.00	28.00	
Cartridge Brass.....	‡	Sheet	70.00	30.00	
Cartridge Brass.....	‡	Sheet	69.00	31.00	
Eyelet Brass.....	‡	Sheet	68.00	32.00	
Drawing or Spinning Brass.	‡	Sheet	66.67	33.33	
Yellow Brass.....	‡	Sheet	65.00	35.00	
		Rod	65.00	35.00	
Yellow Brass.....	61	Rod	63.00	37.00	
		Sheet	63.00	37.00	
		Wire	63.00	37.00	
Muntz Metal.....	‡	Sheet	60.00	40.00	
Cap Gilding.....	201	Sheet	90.00	9.60	0.40
Yellow Brass.....	218	Tube	67.50	32.00	0.50
Butt Brass.....	229	Sheet	64.00	35.00	1.00
Leaded Commercial Bronze	202	Rod	88.50	10.00	1.50
Leaded Red Brass-80%....	205	Rod	78.50	20.00	1.50
Leaded Brass.....	211	Rod	69.00	29.50	1.50

Variations must be expected in practice.

‡ Manufactured in several alloys each with slight variation.

a For some alloys the figures given are for a temper slightly different from that commonly known as "Hard".

b Determination.

O., INC. 54-60 LAFAYETTE STREET

CHEMICAL AND PHYSICAL PROPERTIES

fication purposes because they are subject to manufacturing variations.

Composition,		Tensile Strength, Lbs./Sq. In.		Elongation, Per Cent. in 2 In.		(g) Yield Point, Lbs./Sq. In.		Young's Modulus of Elasticity P.S.I. $\times 10^{-6}$	Linear Expansion Coefficient, per cent. per degree Centigrade
Lead	Tin	Hard (a)	Soft	Hard (a)	Soft	Hard (a)	Soft	Hard (a)	Hard (a)
		51,000	32,500	4	37	48,000	12,000	16.0	58
		60,000	38,000	3e	36e	39,000			61
		50,000	32,000	18	38	46,000	15,000		
		50,000	35,000	10	35	48,000			58
		55,000	35,000	5	35	44,000	16,000		61
		58,000	35,000	5	38		15,000	16.0	
		60,000	35,000	2.6e	35				
		55,000	35,000	5	38	39,000	11,000	15.0	68
		67,000	37,000	3	40	53,000	11,000	15.0	75
		75,000	42,000	4	43	71,000	18,000	15.0	82
		68,000	42,000	6	42	64,000	19,000		
		85,000	43,000	4	50			15.0	86
		125,000	49,000	2e	43e				
		80,000	47,000	5	45				87
		76,000	47,000	4	55	38,000		14.0	88
		86,000	45,000	4	50				87
		85,000	46,000	4	58				87
		78,000	46,000	5	58	55,000			87
		76,000	46,000	5	52				86
		76,000	45,000	5	60			14.0	85
		70,000	45,000	15	50		12,500		
		70,000	50,000	12	50			14.0	
		84,000	48,000	4	50				
		125,000	50,000	2e	50e				
		80,000	57,000	9.5	48		20,000	12.8	87
40		65,000	39,000	4	35				
50		50,000	44,000	5	45		17,000	14.0†	
60		80,000	45,000	5	60				85
50		60,000	35,000	3	30			15	58
50		80,000	40,000	5	35				
50		84,000	45,000	3	34	33,000			

c Circular No. 73, U. S. Bureau of Standards.

e Elongation of wire, percent. in ten inches.

g Yield point taken as the load producing an extension under stress of 0.75%.

f Average linear coefficient per degree Centigrade from 25 to 300° C. Tests on rod. Scientific Paper No. 410, U. S. Bureau of Standards.

ions which may alter the values.

well ass No., $\frac{1}{16}$ " 0 Kg.	Melting Point, Deg. Cent.	Density, Lbs. Per Cu. In.	Coeffi- cient of Expansion (j)	Electrical Conductiv- ity, Per Cent. I.A.C.S. at 20°C.	Thermal Conduc- tivity (u)
Soft					
oo Soft	1083c	0.322	.0000177	100.0	0.9225
oo Soft	1083b	0.323	.0000177		
	1065x	0.320	.0000181	54.6	0.576
1	1045x	0.318	.0000182	40.90	0.446
10	1020x	0.316	.0000187	37.0	0.38
11	1000x	0.313	.0000191	32.5† 28.1y	0.335
	980x	0.310	.0000196	30.0†	0.31
20	965x	0.309	.0000198	28.60	0.295
	955x	0.308	.0000199	27.58	0.290
22	950x			27.60	0.290
22	945x	0.307		27.30	0.289
20	938x	0.306	.0000201	25.85	0.287
30	930x	0.306	.0000202	26.8	0.285
	920x	0.305	.0000205	25.95	0.285
42	905x	0.303	.0000208	28.60	0.300
				42.10	
		0.307		26.8	
15					
		0.319	.0000183	40.50y	0.432
		0.314	.0000192	28.91y	
		0.309	.0000200	27.55	

Phosphorus present.

al. per sq. cm. per cm. per sec. per degree Centigrade at 20° C.

auer and Hansen constitution diagram.

ard at 25° C.

oft.

See reverse side

These figures should not be used

MATERIAL	Alloy No.	Form	Approx.
			Copper
Clock Brass.....	243	Sheet	61.50
Forging Brass.....	250	Rod	60.00
Free Cutting Yellow Brass.....	271	Rod	62.00
Oreide.....	420	Sheet	87.25
Admiralty.....	442	Sheet Tube	70.00 70.00
Naval Brass.....	452	Rod	60.00
Tobin Bronze.....	452	Rod Sheet	60.00 60.00
Fourdrinier.....	436	Wire	81.00
Special Bronze.....	356	Sheet	98.75
Signal Bronze.....	361	Wire	98.25
Phosphor Bronze.....	903	Sheet	96.00ph
Phosphor Bronze.....	351	Sheet	95.00
Leaded Phosphor Bronze...	979	Rod	94.00
Phosphor Bronze.....	353	Sheet	92.00
Phosphor Bronze.....	354	Sheet	89.50
Free Cut'g Phosphor Bronze	610	Rod	88.00
High Strength Bronze.....	364	Wire	97.25si
Super-Nickel.....	701	Tube	70.00
20% Cupro Nickel.....	712	Sheet	80.00
15% Cupro Nickel.....	736	Sheet	85.00
30% Nickel Silver.....	703	Sheet Wire	47.00 47.00
Ambrac.....	854	Sheet Rod Wire	65.00 65.00 65.00
25% Nickel Silver.....	707	Sheet	55.00
Ambrac.....	850	Sheet Rod Wire	75.00 75.00 75.00

Variations must be expected in practice.

a For some alloys the figures given are for a temper slightly different than commonly known as "Hard".*b* Determination.*c* Elongation of wire, percent. in ten inches.*d* See reverse side

COPPER CO., INC. 54-60 LAFAYETTE

CHEMICAL AND PHYSICAL PROPERTIES

For specification purposes because they are subject to manufacturing

Alloy Composition, Per Cent.			Tensile Strength, Lbs./Sq. In.		Elonga- tion, Per Cent. in 2 In.		(g) Yield Point, Lbs./Sq. In.		Young's Modulus of Elasticity P.S.I. $\times 10^{-6}$
Lead	Tin		Hard (a)	Soft	Hard (a)	Soft	Hard (a)	Soft	Hard (a)
00	1.50		80,000	45,000	4	40			
00	2.00		70,000	50,000	10	45	31,000	22,000	
00	3.00		62,000	47,000	20	60	52,000	32,000	15.0
50	1.25		80,000	45,000	4	40			
00	1.00		95,000	45,000	5	60			
00	1.00			55,000		60			
25	0.75		62,000	54,000	25	40			
25	0.75		75,000	54,000	25	50	60,000	25,000	15.0
25	0.75		90,000	54,000	4	40		25,000	
75	0.25			49,000		43e			
	1.25		65,000	40,000	4	48			
	1.75		100,000	50,000	3e	33e			
	3.75		90,000	45,000	4	50		18,300	15.0
	5.00		100,000	50,000	3	55	87,000	23,000	15.0
	1.00	5.00		50,000		40		20,000	
	8.00		110,000	55,000	3	70	85,000	25,000	14.0
	10.50		115,000	60,000	5	65	95,000	40,000	
00	4.00	4.00	60,000		20		50,000		15.0
<i>Nickel</i>	2.00	120,000	45,000		3e	36			
			65,000			30			
	20.00		85,000	50,000	2	30			
	15.00		70,000	45,000	3	30	51,000		
00	30.00		130,000	72,000	2	35			
00	30.00		160,000	75,000	1e	35e			
00	30.00		105,000	65,000	2	30			
00	30.00		85,000	65,000	10	30			20.0
00	30.00		130,000	65,000	2e	30			
00	25.00		110,000	72,000	4	30			
00	20.00		85,000	50,000	5	35	77,000	23,000	
00	20.00		80,000	55,000	10	50	70,000	18,000	19.0†
00	20.00		115,000	55,000	2e	30e			

f Corning Glass Works.

g Yield point taken as the load producing an extension under stress of 0.75%.

j Average linear coefficient per degree Centigrade from 25 to 300° C. Tests on rod. Scientific Paper No. 410, U. S. Bureau of Standards.

n Guertier-Tammann constitution diagram.

STREET NEW YORK, N. Y., U.S.A.

ng limitations which may alter the values.

Rockwell Hardness No. "B" $\frac{1}{16}$ " Ball, 100 Kg.		Melting Point, Deg. Cent.	Density, Lbs. Per Cu. In.	Coeffi- cient of Expansion (α)	Electrical Conductiv- ity, Per Cent. I.A.C.S. at 20° C.	Thermal Conduc- tivity (κ)
Hard (a)	Soft					
87	13					
			0.305		26.5†	0.258
77	16	885b	0.307	.0000204	25.0	0.258
		935b	0.308	.0000202	24.65	0.263
				.0000214		
75		885b	0.304	.0000211	24.93	0.279
93	55					
			0.315		32.20	0.341
71		1075z	0.321		43.0	0.520
		1070z	0.321		35.0	0.350
90	30	1050z	0.320	.0000190	12.62†	0.150
96	30	1050z	0.320	.0000178	18.37	0.195
			0.322		18.37	0.199
99	38	1025z	0.318	.0000182	13.00	0.150
100	52	1000z	0.317	.0000183	10.6	0.121
75			0.320		12.21	0.133
		1022b			12.0	
		1225n	0.323	.0000162f	4.75	0.069
85	37.5	1200n	0.323		6.47	0.087
		1175n	0.323		8.17	0.112
	61	1140v	0.316		3.58	
96	32	1220b	0.320	.0000162f	4.47	0.068
	60	1135v	0.315		4.00	
88	25	1150b	0.320	.0000164f	6.2	0.092

p Phosphorus present.

si Silicon .75%.

u Cal. per sq. cm. per cm. per sec. per degree Centigrade at 20° C.

v Tafel constitution diagram.

z Heycock—Neville constitution diagram.

† Soft.

T. E. CONKLIN BRASS & COPPER CO.

These figures should not be used for specification.

Material	Alloy No.	Form	Approximate Composition Per Cent.			
			Copper	Zinc	Nickel	Lead
18% Nickel Silver	719	Sheet	65.00	17.00	18.00	
18% Nickel Silver	724	Sheet	55.00	27.00	18.00	
18% Nickel Silver	723	Wire	56.00	26.00	18.00	
15% Nickel Silver	739	Sheet	64.00	21.00	15.00	
15% Nickel Silver	741	Sheet	57.00	28.00	15.00	
Leaded Nickel Silver	745	Sheet	61.00	25.00	12.50	1
10% Nickel Silver	752	Sheet	65.00	25.00	10.00	
5% Nickel Silver	771	Wire	63.00	32.00	5.00	
Ambraloy	901	Sheet	95.00			
Ambraloy	928	Sheet	92.00			
Ambraloy	928	Rod	92.00			
Ambraloy	930	Rod	89.50			
Ambraloy	929	Rod	90.00			
Avialite	915	Rod	90.00			
Calsun Bronze	951	Wire	95.50			
Manganese Bronze	932	Rod	57.00	40.00	(0.10)	
Manganese Bronze	937	Rod	59.00	39.00	0.50	
Everdur	1010	Sheet	96.00		1.00	3
Everdur	1010	Rod	96.00		1.00	3
Everdur	1010	Wire	96.00		1.00	3
Everdur	1015	Tube	98.25		0.25	1
Everdur	1015	Rod	98.25		0.25	1
Everdur	1015	Sheet	98.25		0.25	1
Hitenso A	960	Wire	99.35			0
Hitenso A	960	Sheet	99.35			0
Hitenso BB	961	Sheet	99.00			1
Hitenso BB	961	Wire	99.00			1
Hitenso C	965	Sheet	98.60			0
Hitenso C	965	Wire	98.60			0
Extruded Architect'l Bronze	280	Shapes	57.00	40.00	Lead 2.50	
Beryllium Copper	175	Sheet	97.40	(2.25)	Nickel	
Beryllium Copper	175	Sheet	97.40	^{Be} 2.25	0.35	

Variations must be expected in practice.

^a For some alloys the figures given are for a temper slightly different from that commonly known as "Hard".

^b Determination.

^c Elongation of wire, percent in ten inches.

^d Yield point taken as the load producing an extension under stress of 0.75%.

D., INC. 54-60 LAFAYETTE STREET

CHEMICAL AND PHYSICAL PROPERTIES

fication purposes because they are subject to manufacturing limita-

Composition,			Tensile Strength, Lbs./Sq. In.		Elongation, Per Cent. in 2 In.		(g) Yield Point, Lbs./Sq. In.		Y M O R E F x
Lead	Iron	Tin	Hard (a)	Soft	Hard (a)	Soft	Hard (a)	Soft	
			90,000	58,000	3	40	83,000		1
			100,000	60,000	2	40			1
			143,000	60,000	1e	40e			1
			93,000	58,000	5.5	40			1
			95,000	55,000	2	35			1
.50			90,000		5				1
			90,000	50,000	3	45			11,000
			135,000		2e				1
.00			105,000	52,000	5	70			1
.00			120,000	60,000	4	60	60,000		1
.00			100,000	60,000	4	60			1
.00	2.50		125,000	72,000	5	50	80,000	35,000	1
0.0			125,000m	78,000	5m	36	67,000	41,000	1
.50	0.50		88,000		35		43,000		1
.50		2.00	135,000	50,000	4e	35e			1
	1.45	1.45	90,000	65,000	15	45			1
	0.80	0.70	85,000	60,000	20	45			1
.00			113,000	55,000	5	48	75,000	20,000	1
.00			95,000	55,000	15	85	75,000	20,000	1
.00			145,000	59,000	5e	50e	95,000	25,000	1
.50			65,000	40,000	15	60	60,000	10,000	1
.50			70,000	40,000	6	60		10,000	1
.50			70,000	40,000	6	46	65,000	10,000	1
.65			75,000		3e		47,000		1
.65			54,000		5				1
.00			60,000	35,000	3	50			1
.00			92,000	35,000	3e	50e			1
.80		0.60		36,000		50			15,000
.80		0.60	99,000	40,000	4e	45e			1
	0.16	0.34	70,000	50,000	10	20			1
			118,000	70,000	4.3	45.0	105,000	31,000	1
			193,000m	175,000p	2.0m	6.3p	138,000m	134,000p	1

Jenkins and Hanson constitution diagram.

Average linear coefficient per degree Centigrade from 25 to 300° C. Tests on rod. Scientific Paper No. 410, U. S. Bureau of Standards.

At 18.1° C.

Cold worked and heat treated.

Annealed, quenched and heat treated.

ations which may alter the values.

Young's modulus of elasticity, S.I. 10^{-6}	Rockwell Hardness No.		Melting Point, deg. Cent.	Density, Lbs. Per Cu. In.	Coefficient of Expansion (α)	Electrical Conductivity, Per Cent. I.A.C.S. at 20°C.	Thermal Conductivity (u)
	Hard (a)	Soft					
8.0	91	40	1110v	0.316		5.91	0.080
	95	40	1055v	0.314		5.56†	
4.1				0.314		5.49	0.071
	92	33	1075v	0.314		6.26	0.081
			1030b	0.312			
		88					
7.5†	82	32	1010v	0.313		8.27	0.110
			960v			11.99	0.140
	93	20	1060t	0.295		17.69	0.198
5.0	99	30	1040t	0.281	.0000179	14.80k	0.173
	100	52		0.280		10.9	
	100	65	1040t	0.273		13.5	0.157
			1042b	0.274	.0000169	12.61	0.144
			1054b	0.308		17.0	
		90		0.302		24.6	0.241
5.0	95	40	1019b	0.308	.0000180	6.7	0.078
	75	20	1055r	0.316			
	80	3				12.0	0.129
5.6	62		1080h	0.3212		85.0	
	65		1076h	0.3212		80.0y	0.824
			1070b	0.3212		80.0y	
						55.0y	0.556
						55.0y	
7.2	102	65-73	955b	0.305	.0000170*	17±	0.25p
8.4m	114m	112.5p		0.297±.01		18-25	0.20m

Smith constitution diagram.

Stockdale constitution diagram.

Cal. per sq. cm. per cm. per sec. per degree Centigrade at 20°C.

Tafel constitution diagram.

Hard at 25°C.

Soft. *per °C. from -50 to +50 °C.

See previous page

DATA

ACCESSORIES ▶ SHAPES

TUBES

WIRE

RODS

SHEETS

**ALLOYS, CHEMICAL AND
PHYSICAL PROPERTIES**

(See Data Shown In This Folder)

The values given are, in most cases, for "Hard" Rolled or Drawn Metal, and for "Soft Annealed" Metal, and represent averages that may be expected in commercial practice.

Higher values for Tensile Strength, Yield Point, Elastic Limit, and Hardness may be obtained by a greater amount of working, and, in the same manner, figures between those shown for "Hard" and "Soft" may be obtained by a lesser amount of working than that used to obtain "Hard" Temper.

Because of Manufacturing Limitations it must be understood that the properties shown are not to be used for specification purposes, but may be considered only as a general guide.

**T. E. CONKLIN
BRASS & COPPER CO., INC.**

54-60 LAFAYETTE STREET

NEW YORK, U.S.A.

Telephone Walker 5-7500

DATA

ACCESSORIES

TUBES

WIRE

SHEETS

CONKLIN'S
Brass Wire
was used in
the Binding of
this Catalog.

